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CHAAPEL'S SEED STORE

WILLIAMSPORT, PENNA.

*
Everything for the
Farm, Garden and
Poultry

1927

1877-1927

IN BUSINESS
FIFTY YEARS

THE COLORED PLATE SPECIAL OFFER

SWEET CORN, Golden Bantam
PEAS, Blue Bantam, or Hundredfold

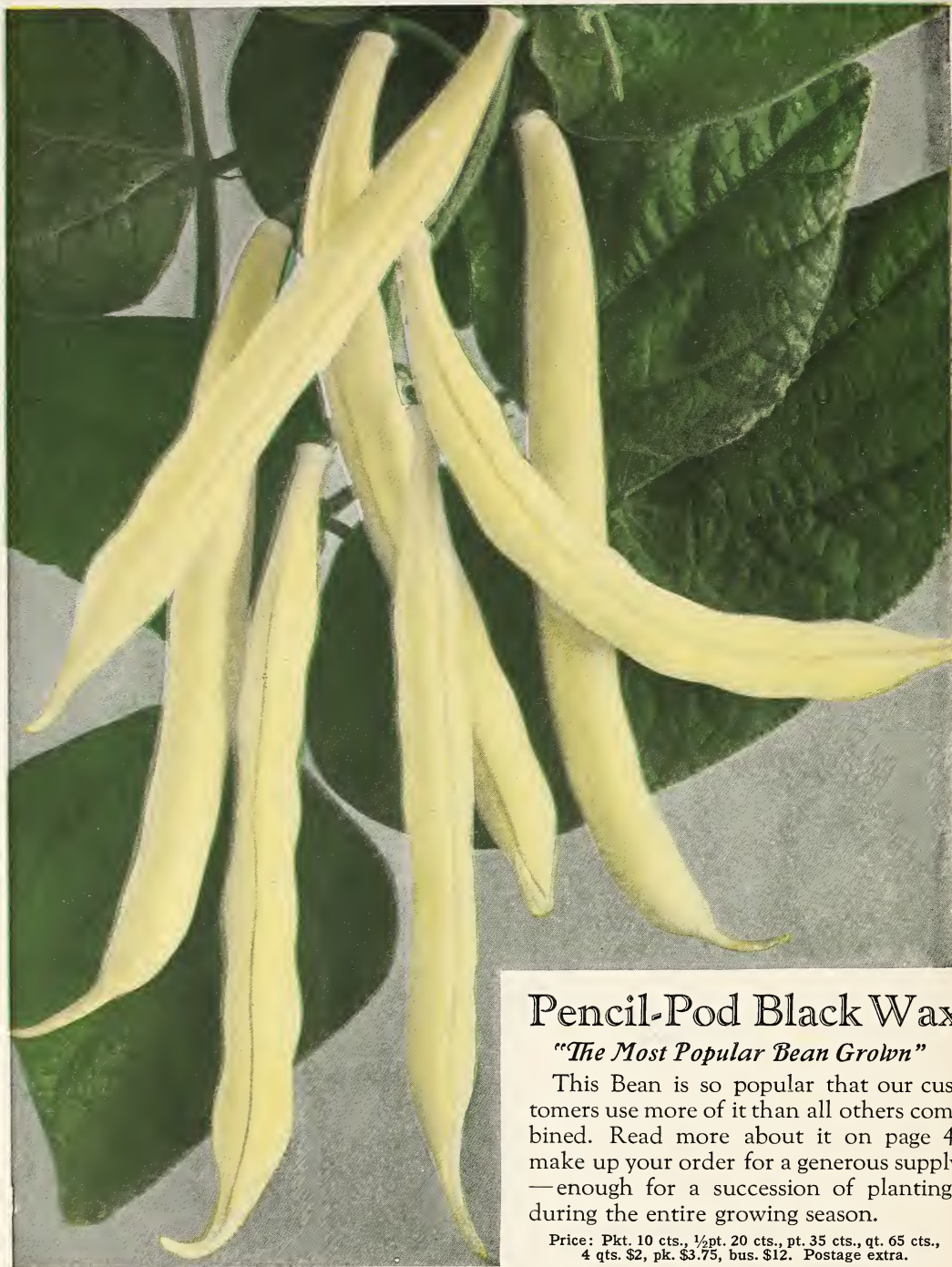
One large packet of each for 30 cents, postpaid

SPINACH, Bloomsdale Savoy
TOMATO, Bonny Best

Or 1/2-pint Golden Bantam Corn, 1/2-pint Blue Bantam Peas, 1 ounce Bloomsdale Savoy Spinach, 1 packet Bonny Best Tomato, FOR 50 CENTS, POSTPAID

-WILLIAMSPORT- ON THE SUSQUEHANNA TRAIL

D. W. Shoemaker



Pencil-Pod Black Wax

"The Most Popular Bean Grown"

This Bean is so popular that our customers use more of it than all others combined. Read more about it on page 4, make up your order for a generous supply—enough for a succession of plantings during the entire growing season.

Price: Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts.,
4 qts. \$2, pk. \$3.75, bus. \$12. Postage extra.

LOOK AT THE INDEX ON PAGE 2. IT'S EASY TO FIND
WHAT YOU WANT

READ SUGGESTIONS ABOUT ORDERING ON PAGE 63

Use the ORDER SHEET and ENVELOPE Combined. It Is Convenient

Have a Better Garden This Year

FOR THE FIFTIETH TIME

We are sending out our silent salesman and in this seed catalogue for 1927, which marks the fiftieth anniversary of the founding of our business, we desire more than ever to assist you in selecting the things you need for the coming year, and to solicit your orders for them.

This year, especially, we want you to send us your orders early and often. We have prepared this book with diligent care for that purpose making it as convenient as possible for your reference and reliable in its statements.

A Half-Century of Service

FOR fifty years, Chaapel's Seed Store has furnished the people of Williamsport and vicinity with farm and garden needs, under the continuous personal management of its founder, Mr. Harry Chaapel. From a modest beginning in 1877, we have added to and expanded our business, as we have gained the confidence and good will of our patrons by our policy of fair dealing, until today we can truthfully say that we supply everything for the farm and garden. The growth of our business has never been spectacular, but it has, instead, been a steady progression, thus, justifying from year to year the uniform policy of the management and building up for us a body of satisfied customers.

Our aim and desire has always been to serve and hold old friends and customers, and in that we have been fairly successful. Our records disclose that families unto the third generation have depended upon us to supply their needs. We appreciate this loyalty and coöperation and want to extend it. We invite new and prospective customers to avail themselves of our service and profit by our offerings.

In this Catalogue you will find listed Field, Farm, Garden, and Flower Seeds of the highest quality, and as true to name as it is possible for expert growers to produce them, together with offerings of the necessary things to properly grow them, such as Tools, Implements, Fertilizers, Lime, Spraying Machines, and Chemicals.

To illustrate the completeness of our service to agricultural endeavors, we especially call your attention to our pages on Poultry Feeds and Supplies, our Dairy Supplies and Bee-Keepers' Supplies.

The Aim of this Store is to be of Real Service to the Public, and It Has Adopted As Its Slogan:

"QUALITY AND SERVICE"

We have become a community service by selling reliable agricultural merchandise at a fair price, to yield us a living profit. We ask no less for our goods than we are willing to accept; we ask no more for our goods than we would be willing to pay. On this basis we have conducted our business for fifty years, and on this same basis we solicit your patronage and continued good will. We wish to express to you our appreciation for the generous patronage of the past years, and assure you we earnestly desire to continue to be of service to you.

39 E. Third St. }
40 E. Willow St. } WILLIAMSPORT, PA.

CHAAPEL'S SEED STORE

January, 1927

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SEEDS FOR MARKET-GARDENERS

The steady increase of our business with market-gardeners from year to year is due to the quality of Chaapel's Seeds and the personal service of the management. Our local gardeners profit by this service, and that they appreciate it is evidenced by our increasing business with this critical trade.

Many of our customers, especially those living in Lycoming and adjoining counties, are acquainted with us personally; it's an honor to us, and a pleasure, to have you visit our store. Come in and make yourself at home. Ask us for information and make our store your headquarters while in Williamsport; if you can't come, be friendly and write occasionally.

We solicit your continued patronage on our service, the merit of our seeds, and the fairness of our prices.



SEEDS FOR THE HOME GARDEN

We are in a better position than at any time during our long experience as seedsmen to furnish our trade with the choicest of Vegetable and Flower Seeds—the kinds that do well, and produce in this our home locality.

If past experience and our knowledge of the seed business and its relation to successful gardening are of any value, we will deem it a privilege and a pleasure to assist you in selecting the varieties of seeds best suited to make your operations successful.

We are seedsmen, our seeds are produced especially for our trade by the expert growers of seed in this and foreign countries, they come direct to us, and no matter in what quantity you purchase, you are sure of getting the same identical stock as the largest commercial grower.

For the convenience of the Home-Gardener, we put up, from our bulk stock, our seeds in lithographed packets, that retail for five and ten cents each. If larger amounts are wanted, we can supply by the ounce, quart, pound or bushel.

We invite you to make our store your source of supply, and we welcome the opportunity to advise and assist our many customers. If you are in doubt, probably we can aid you; we do have some knowledge of gardening in all its phases; let us help you.

CHAAPEL'S SEED STORE

39 East Third St., WILLIAMSPORT, PA.

HARRY CHAAPEL
P. A. MCGOWAN

Bell Phone 4208
United Phone 523-Z

Beans, Dwarf Wax or Butter

Liberal packets 10 cts., postpaid

We do not pay postage on Beans (except packets). If ordered by parcel post, add 10 cts. extra for first quart, and 2 cts. for each additional quart.

We condense into the following list the best Wax or Butter Beans—sorts that yield and sell well in all sections.

Pencil-Pod Black Wax Dwarf or Butter Beans

The meatiest, crispest, most brittle, and entirely stringless Bean grown—the one “Best Bean.” It is early, prolific, entirely stringless under all conditions, and can be

Inoculate
this seed with
NOD-O-GEN

grown for early spring, midseason, and late canning markets. The seed is shining blue-black; the pods are large— $5\frac{1}{2}$ to 6 inches long—round, nearly straight and crease-backed, strictly stringless, free from fiber, fleshy and brittle, of the highest quality and of a clear yellow color, cooking with a delicious flavor. The bushes are dwarf, prolific, and sure croppers. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (60 lbs.) \$12. Postage extra. (See colored illustration on inside cover.)

Unrivalled Wax, Semi-Flat

Pod. With the exception of our

Pencil-Pod Black Wax, there is probably no variety of Wax Beans grown that has greater all-round value than this one. The plant is strong and vigorous and bears enormous crops of light yellow pods about $5\frac{1}{2}$ inches long, somewhat curved, semi-flat, rather slim but fleshy, and of the finest texture and tenderness. The seeds are small, slightly kidney-shaped, ochre-brown. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (60 lbs.) \$12. Postage extra.

Sure-Crop Stringless Wax.

Sometimes sold as Bountiful Wax.

Without a doubt the most thoroughbred flat-podded Wax Beans yet introduced. It starts bearing within 60 days after seeds are sown. The pods average 6 to 7 inches long, are very meaty, flat but thick through, and in common with most black-seeded varieties, Sure-Crop Stringless Wax is very hardy and may therefore be

planted several days earlier than the light-seeded sorts. Owing to an entire failure of the season's crop we are unable to offer it this season.

Webber, or Crackerjack Wax (Flat-Pod).

A high quality, flat-podded, stringless variety of the season of Wardwell's Kidney Wax. Pods 6 to $6\frac{1}{2}$ inches long, quite broad and uniformly curved, fleshy, stringless and brittle, with little fiber. Plant more vigorous and productive than Wardwell's. Color of pod is a decided bright yellow. Seed yellow, kidney shaped. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (60 lbs.) \$12. Postage extra. (See illustration.)

Improved Rust-Proof Golden Wax.

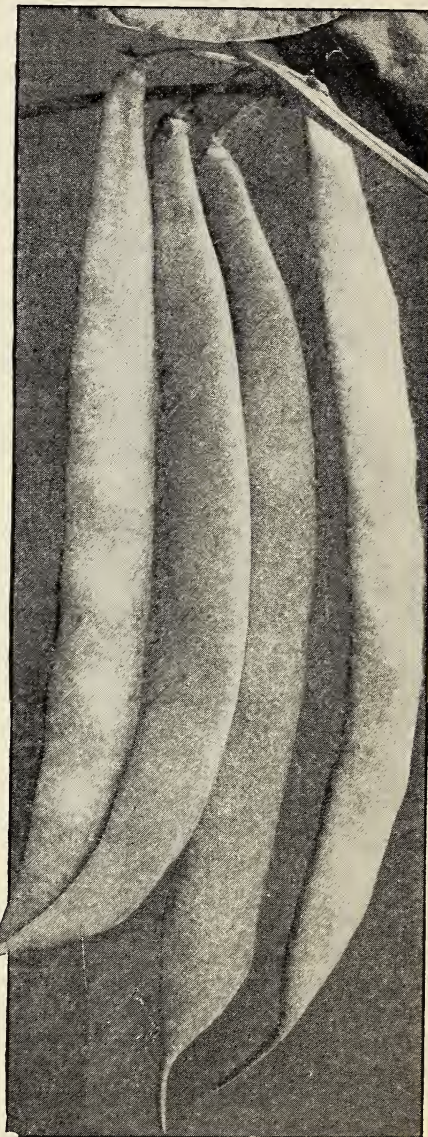
It is one of the earliest of the popular six-weeks' dwarf Beans for the market and private home-gardens. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (60 lbs.) \$12. Postage extra.

Davis' White Kidney Wax.

An early Wax variety. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (60 lbs.) \$12. Postage extra.



Unrivalled
Wax
Beans



Webber, or Crackerjack Wax Bush Beans

Green-Podded Dwarf or Bush Beans

IF BEANS ARE WANTED BY PARCEL POST ADD POSTAGE, 10 CTS. EXTRA FOR FIRST QUART, 2 CTS. FOR EACH ADDITIONAL QUART

BURPEE'S STRINGLESS GREEN-POD. Very hardy and extremely early sort of extra-fine quality. Vigorous; upright in habit; extremely early; handsome appearance; finest quality of pods. Stringless Green-Pod is the quickest to produce; pods of a rich green, very round and straight, 5 to 6 inches long, solidly meaty. The pods are brittle and of finest flavor, tender, always stringless even when fully matured; extra hardy. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (60 lbs.) \$12.

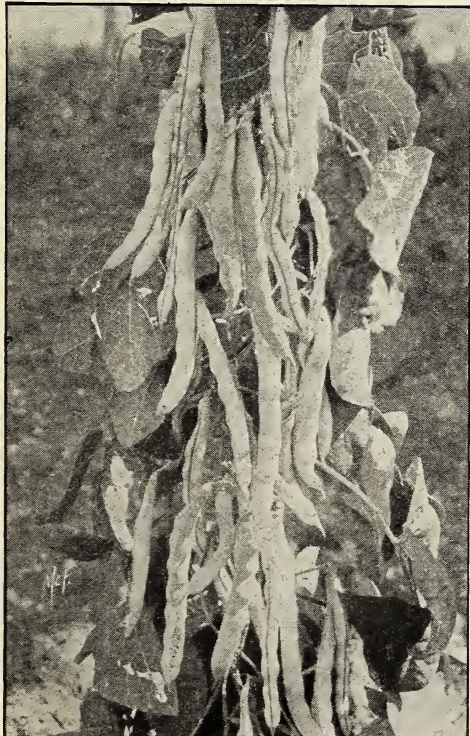
IMPROVED EARLY RED VALENTINE. The healthy, vigorous plants are unusually hardy, successfully withstanding early frosts; it may therefore be planted very early. It will always yield a large crop of handsome, long, round, fleshy pods. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (60 lbs.) \$12.

BOUNTIFUL GREEN-POD. Best of the flat-podded stringless varieties. Pods $6\frac{1}{2}$ to 7 inches long, thick, flat and slightly curved, stringless, slightly fibrous, attractive and of fine quality; color light green. Very early, vigorous, hardy, and productive. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (60 lbs.) \$12.

Bush Field Beans Shell, Soup, or Baking Varieties

WHITE MARROW. Everybody uses them. It is a good, profitable crop to grow. Pkt. 10c., $\frac{1}{2}$ pt. 15c., pt. 25c., qt. 50c., 4 qts. \$1.35, pk. \$2.35, bus. \$9.25.

WHITE KIDNEY. The Beans are white and larger than White Marrow. $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.35, pk. \$2.35, bus. \$9.25.



Early Golden Cluster Wax Pole Beans



Burpee's Stringless Green-Pod Beans

BOSTON SMALL PEA or NAVY. Produces small, white Beans, suitable for soup or baking. One of the best for this purpose. Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.35, pk. \$2.35, bus. \$9.25.

RED KIDNEY. An old variety; very popular. Seed is red; plant grows dwarf. Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 25c., qt. 50c., 4 qts. \$1.35, pk. \$2.35, bus. \$9.25.

Pole or Running Beans

These are of strong, running growth, and need stout poles on which to climb. They require a longer season in which to mature than do the bush varieties, but by reason of their stronger growth are more productive and, growing on poles, are more easily gathered. Several varieties are desirable as Shell Beans.

EARLY GOLDEN CLUSTER WAX. Very early; fine quality; stringless; very productive; remains tender long after pods are developed. Beautiful golden yellow pods, very broad and 8 to 12 inches long. Good both for snap and shelling. (See illustration.) Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$2.50.

KENTUCKY WONDER, or OLD HOMESTEAD. The pods, 7 to 9 inches long, are so fleshy that they are *greater in width than breadth*, being deeply creased or *saddle-backed*. They are solidly meaty, stringless when young, and of finest quality. Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$2.50.

LAZY WIFE'S. The pods, of medium dark green color, measure from $4\frac{1}{2}$ to 6 inches in length. They are broad and retain their rich, tender, and stringless qualities until nearly ripe. Each pod contains from six to eight round white Beans, which make excellent winter Shell Beans. Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$2.

Bush Lima Beans

Burpee's Improved Bush Lima. The best of the dwarf Limas, having enormous pods filled with Beans that are larger and thicker than the old Burpee's Bush Lima and fully a week earlier. The Beans are meatier and better flavored and retain their greenish appearance much longer than the old type and they are heavier croppers.

BURPEE'S IMPROVED. This is about the earliest maturing of the large-seeded Limas. The plants are vigorous and productive. The pods are medium green, very large, about 5 inches long, thick and usually contain four Beans, which are unusually thick, of largest size and of excellent quality. Seed very large, thick, and usually shows a greenish white tinge which is generally considered an indication of superior quality. One of the best and most extensively used Bush Limas for the market as well as home-garden. Pkt. 15 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 85 cts., 4 qts. \$2.75, pk. \$5, bus. (60 lbs.) \$18.

The Fordhook Bush Lima is superior in many respects, being a shorter and thicker Bean, more round than long. In Northern localities both the Bush and Pole Limas are difficult to get through the ground, due to their manner of growth and the desire of gardeners to plant before the soil and weather conditions are right. To obtain the best success in planting Lima Beans, do not plant too early, have the ground thoroughly worked and fertilized, and plant the Bean edgewise with the eye down; a good way is to just press them into the soil. Do not cover more than 1 inch, $\frac{1}{2}$ inch is better.

FORDHOOK. An improved type of the Dwarf or Bush Lima, but much more productive and matures earlier. The plants are vigorous and erect, bearing well above the ground. The pods, which are produced in large clusters, are medium green, about 4 $\frac{3}{4}$ inches long and each contains three to five large Beans of exceptionally fine quality. Seed large, irregularly oval in shape, very thick, white with greenish tinge. This sort is popular for home and market use, especially in the East. Pkt. 15 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 85 cts., 4 qts. \$2.75, pk. \$5, bus. (60 lbs.) \$18.

We supply liberal packets at 15 cts. each, postpaid

IF WANTED BY PARCEL POST, ADD POSTAGE, 10 CTS. EXTRA FOR FIRST QUART, 2 CTS. FOR EACH ADDITIONAL QUART

Pole or Climbing Lima Beans

A good warm loam is required to grow the Pole Limas successfully. Put five or six seeds in hills 3 to 4 feet apart each way, placing them edgewise, with the eye downward, and covering 1 inch deep. Pole Limas require poles 7 feet high, and the poles should be set before planting the seeds. Pinch back when the vine reaches top of the pole and the yield will be increased.

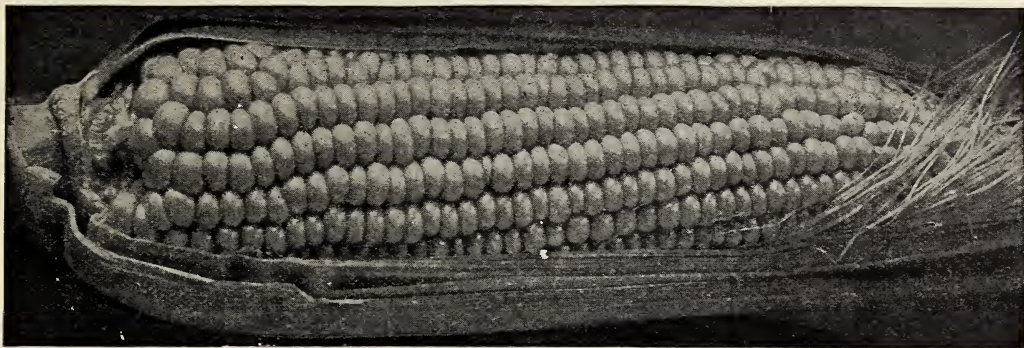
Burpee's Improved Bush Lima Beans

GIANT PODDED. The largest-podded Lima in cultivation and of extremely vigorous growth. The pods, which mature in midseason, are borne in clusters of six to eight, and measure about 7 inches long by 1 $\frac{1}{2}$ inches broad; Beans extra large and of excellent quality. Undoubtedly the best of all the large-podded varieties. Pkt. 15 cts., $\frac{1}{2}$ pt. 25 cts., pt. 40 cts., qt. 75 cts., 4 qts. \$2.50, pk. \$4, bus. (60 lbs.) \$15.

EARLY LEVIATHAN. This is the earliest, large-podded Pole Lima that we know. Very large pods are produced in clusters and in great abundance, often containing five Beans which are of good size and of the finest quality. Pkt. 15 cts., $\frac{1}{2}$ pt. 25 cts., pt. 40 cts., qt. 75 cts., 4 qts. \$2.50, pk. \$4, bus. (60 lbs.) \$15.

KING OF THE GARDEN. The vines of this standard Pole Lima are very vigorous and productive. The pods are medium dark green, very large, 5 to 6 inches long, broad, flat, filled with four or five very large white Beans of finest quality. On account of its large pods it is a favorite with market-gardeners. It will come into bearing earlier and make larger pods if not more than two vines are left to grow on a pole. Seed very large, ovoid, flat, white, with slight greenish tinge. Pkt. 15 cts., $\frac{1}{2}$ pt. 25 cts., pt. 40 cts., qt. 75 cts., 4 qts. \$2.50, pk. \$4, bus. (60 lbs.) \$15.

Giant-podded Pole Lima Beans



Howling Mob

Sweet or Sugar Corn

One quart plants 200 hills;
1 peck to the acre

It is conceded by almost everybody that Golden Bantam is the finest extra early Sweet Corn, but you should try the New Golden Sweet Corn, Bantam Evergreen. Mammoth White Cory is the sweetest and most prolific of the extra-early white varieties.

Howling Mob and Whipple's Early are the largest, finest, early Sweet Corns, noted for their extreme earliness and large ears. Early Minnesota is the most popular of the second-early varieties; ears of fair size and good quality. Rice's Early Evergreen is about 10 days earlier, equal in quality and almost as large as Stowell's Evergreen; a most popular variety. Country Gentleman is entirely distinct; cob small, with deep, pearly white, pointed grains. Stowell's Evergreen, the standard main crop, is of the best quality; ears and foliage large; it is the best-known variety for the home and market-garden.

IF CORN IS WANTED BY PARCEL POST, ADD POSTAGE, 10 CTS. EXTRA FOR FIRST QUART, 2 CTS. FOR EACH ADDITIONAL QUART. SWEET CORN WEIGHS 42 POUNDS PER BUSHEL

Extra-Early Dighton.

The first table Corn with a decent-sized ear to come into the market. It is not strictly Sugar Corn, the grain being white and smooth, but if pulled at the proper time it is fairly sweet and sells remarkably well. Can be planted earlier than the shriveled grain sorts, as it will stand more cold, wet weather. Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. (42 lbs.) \$8.

Alpha Earliest.

We all want Sweet Corn from the garden just as early as we can get it. This is where Alpha comes in. It matures three to four days before any other kind is ready. The ears are 5 to 7 inches long and have 8 rows of large white kernels of good quality—much better than most of the very early kinds. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 30 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3, bus. \$10.

Howling Mob.

A Sweet Corn that produces, early in the season, a large ear possessing the paper whiteness and the sweet flavor of the late varieties. The stalks are strong, of vigorous growth—5 feet high—with abundant foliage, producing two good ears to the stalk. Ears measure 8 to 9 inches, with 12 to 14 rows of good-sized pearly white sugar-sweet grains. Pkt. 10c., $\frac{1}{2}$ pt. 15c., pt. 25c., qt. 40c., 4 qts. \$1.25, pk. \$2.25, bus. (42 lbs.) \$8. Postage extra.

Rice's Early Evergreen.

A variety possessing the good qualities of Stowell's Evergreen and maturing fully a week earlier—about August 1. Stalks about 7 feet high; ears 7 inches or over; kernels deep, narrow, tender, and very sweet. Stays in its prime a long time. A splendid home-garden or market type. Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. (42 lbs.) \$8.

Stowell's Evergreen.

This is considered the standard late or main-crop variety throughout the country. Our strain of this is extra choice and we spare no efforts to constantly improve it. The stalks grow 7 to 8 feet high. Ears average 10 inches long, are well-filled with numerous rows of slim, deep kernels of good quality. The standard for canning. Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. (42 lbs.) \$8.

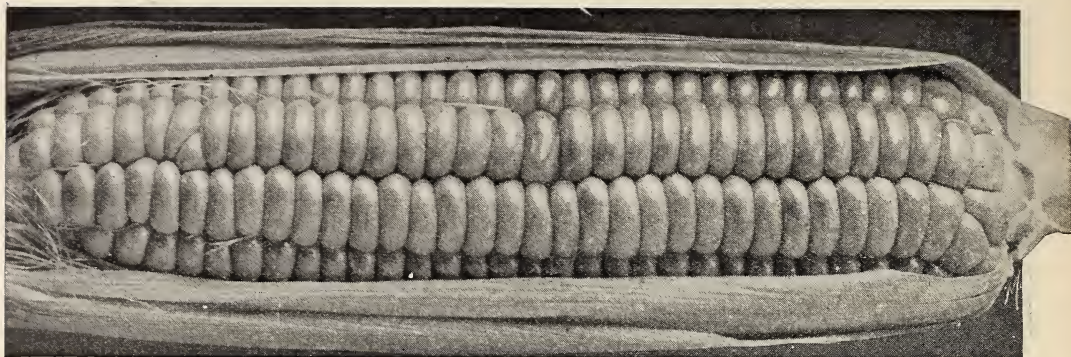
Country Gentleman. (Shoe-Peg.)

The exceptional quality and depth of grain make it one of the best eating varieties. Besides this, it remains tender and fit for use longer, perhaps, than any other sort. The stalk grows 6 $\frac{1}{2}$ to 7 feet high; the ears are from 6 to 7 inches in length and are well filled at the ends. The stalks often bear two and three ears each. Pkt. 10c., $\frac{1}{2}$ pt. 15c., pt. 25c., qt. 40c., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

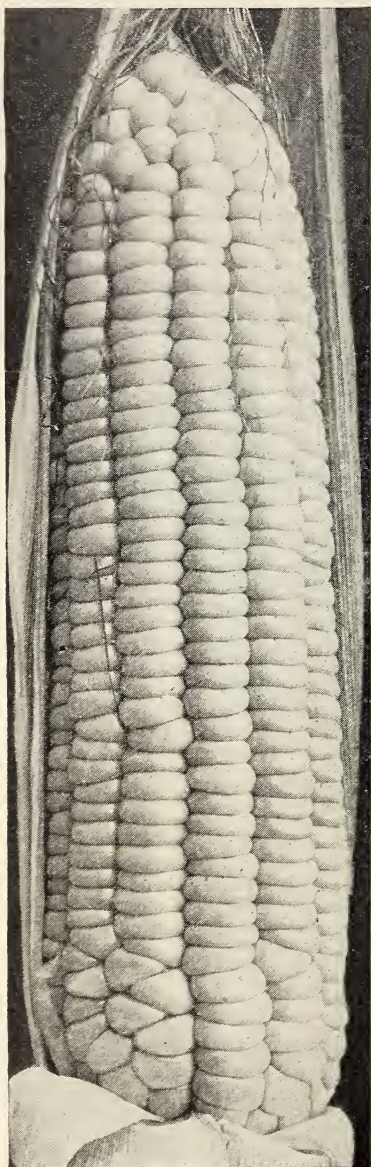
Pop-Corn

Queen's Golden. A smooth yellow variety that is very prolific and of excellent quality. The grains pop perfectly white and very large. Ears 6 inches long, well filled; kernels smooth, and a rich golden color; cob white. Usually bears two ears to a stalk. Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

White Rice. An old standard variety that matures a little earlier than Queen's Golden. The ears are shorter; kernels deep, sharp and of a pale yellow color. Very prolific and of excellent quality when popped. Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8. If wanted by P. P., allow for postage.



Golden Bantam Sweet Corn



Whipple's Early Sweet Corn

Sweet Corns of Special Merit

Whipple's Early (White) Sweet Corn

A new early Corn almost as large as Evergreen. The kernels are like Evergreen, deep and narrow. They are tender, very sweet and delicious. The ears are 7 to 8 inches long, with 16 to 20 rows of good-sized kernels. They look like Evergreen, they taste like Evergreen, yet they mature three weeks earlier. A money-maker for the gardener. Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. (42 lbs.)\$8.

Mammoth White Cory

THE EARLIEST LARGE SWEET CORN GROWN OF QUALITY

One of the sweetest Corns grown. Our stock of this popular extra-early Sweet Corn has been bred for earliness, size, and sweetness, and we recommend it to all our customers who specialize in extra-early Sweet Corn. Usually produces two handsome ears on each stock, 7 to 8 inches long, having 10 to 12 rows of broad, pearly white grains, tender and sweet, of the best table quality. Pkt. 10c., $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

Golden Bantam

THE EARLIEST AND SWEETEST YELLOW-GRAINED VARIETY

This variety is becoming each year more firmly fixed in popular favor because of its extremely early character and vigorous growth. It is actually the finest flavored of all Sweet Corns and is pronounced by thousands of planters the finest extra-early Sweet Corn ever grown. Golden Bantam is as distinct in flavor from that of the white varieties as in color, being almost literally "sweet as honey." It is, without doubt, the best variety of Corn we know of. Having once tasted the flavor of Golden Bantam Corn, to the connoisseur the taste of other varieties becomes commonplace. Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

Bantam Evergreen

THE GREATEST SWEET CORN EVER INTRODUCED

Bantam Evergreen is a late introduction of the Golden Sweet Corn, a cross between Golden Bantam and Stowell's Evergreen—and now running nearly true to type; equal to both parents in rich sweetness and tender quality. The cob is just the right size for eating. People who regard Golden Bantam as "a wee bit too small" and Stowell's Evergreen as "a bit too large," find in Bantam Evergreen the long-sought-for Sweet Corn of the right size, golden color, and superior quality. The kernels are plump, nearly as broad as Golden Bantam, and not quite so deep as Stowell's Evergreen, cream-colored, tender, sweet, and delicious. Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. (42 lbs.) \$8.

ADD 10 CENTS EXTRA FOR FIRST QUART, AND 2 CENTS FOR EACH ADDITIONAL QUART FOR POSTAGE

Table Beets

Beets are so easy to grow you should plant at least a row or two in your garden. They may be cooked and sliced for salads; buttered beets are delicious; a few jars of pickled beets will be a treat in the winter. Sow as early as the ground can be prepared. For fall and winter use make a later sowing in early July. Sow 1 ounce to 50 feet of drill.

BOSTON CROSBY. An improved Early Wonder and a most profitable first-early Beet for the market-gardener. It has smaller tops and tap-roots, is globular in shape, early, remarkably uniform, color black-red with deep purplish red flesh, almost free from lighter colored rings or zones. Boston Crosby is the best introduction of a marketable size Beet of the highest quality. (See illustration.) Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.25.

EARLY WONDER. One of the earliest and most perfectly shaped Beets for bunching purposes. Its beautiful deep blood-red, nearly globular shaped root, small-sized top, and small clean tap-root make it a strong asset in the Beet family. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.25.

DETROIT DARK RED. Forms globular, smooth roots, with small tops; skin blood-red; flesh dark red, tender and sweet. Deservedly a popular favorite for canning, because of its extra-deep dark red color. (See illustration.) Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1, 10 lbs. \$7.50.

CROSBY'S EGYPTIAN. One of the earliest and most popular Beets grown. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Swiss Chard, or Spinach Beet

LARGE SILVER. Grown for the leaves only, and cooked like spinach. The midrib is prepared like asparagus. It can be sown at different seasons of the year, giving successive greens. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

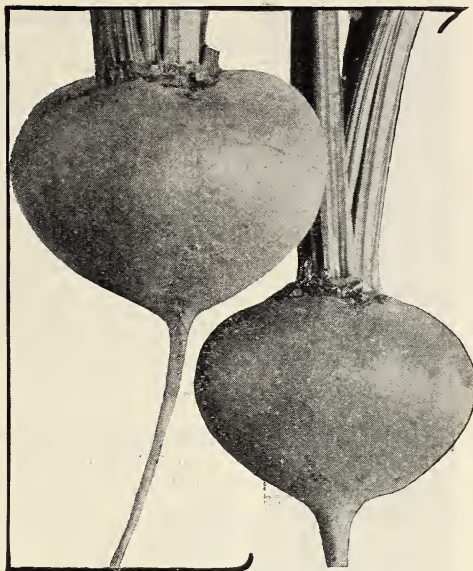
GIANT LUCULLUS (Crumpled-leaved Swiss Chard). A new variety with larger stems and closely crumpled leaves. The leaves, instead of being smooth, are deeply and closely crumpled similar to a savoy cabbage. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.

Mangel-Wurzel Stock Beets

The value of Mangels for stock-feeding is clearly seen in the improved health and condition of the animals, the increased flow and quality of milk from cows, and the saving in fodder. They yield enormously and can be grown at trifling cost. About one-fourth of the daily rations should be of roots. They are also excellent feed for poultry being a valuable egg-producer.

GOLDEN TANKARD. Yellow flesh; large and sweet; a heavy cropper. Considered best for poultry as it is less fibrous. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., 10 lbs. \$4.

LONG RED MAMMOTH PRIZE. The most popular variety. It grows above ground and attains enormous size, producing the largest tonnage per acre of any of the Mangel-Wurzels. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., 10 lbs. \$4.



Boston Crosby Beets



DETROIT DARK RED BEET



Giant Lucullus Swiss Chard



Brussels Sprouts

Asparagus

Washington Rustproof.

This new strain is the result of years of plant-breeding conducted by the Bureau of Plant Industry of the U. S. Department of Agriculture. It is a rust-resistant, vigorous, high-yielding strain of giant Asparagus, and by comparison with all other varieties which have been in standard use during recent years, the Washington strain stands in a class by itself. Pkt. 10c., oz. 45c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Asparagus Roots

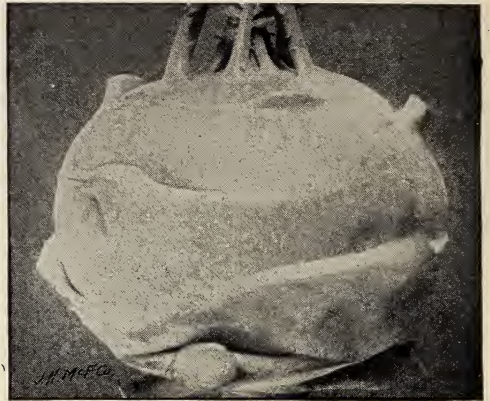
Supplied after April 1. Use about 4,000 plants to an acre. Tied in bunches of 50 each.

Martha Washington. 2-year-old plants, 50 cts. per doz., \$1.75 per 100, \$15 per 1,000.

If by mail add postage as follows: Doz., 10c.; 100, 25c.

Brussels Sprouts

Carter's Perfection. A species of cabbage; cultivation is the same. A new variety of fine quality and compact growth. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. \$1, lb. \$2.50.



White Vienna Kohlrabi

Kohlrabi TURNIP-ROOTED CABBAGE

It is regrettable that this splendid vegetable is not more widely used. We would suggest that you give it a trial and, if pleased with it, recommend it to your friends. The edible part is the turnip which grows above the ground. Prepared and served like turnips. Two varieties, **White and Purple Vienna**. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Corn Salad or Lamb's Lettuce

A small, quick-growing salad plant. The leaves are used as a substitute for lettuce and spinach. In fall, sow the seed in shallow drills. The plants will also do well if the seed is sown early in spring. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$1.50.

Carrots, Table Varieties

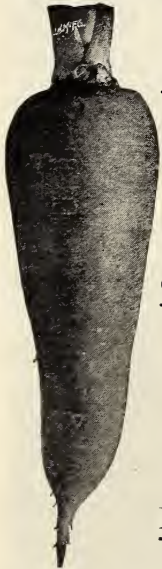
Coreless. This comparatively new variety is by far the earliest of its type, but its earliness does not affect in any way its size or quality. It is a half-long, cylindrical, blunt-pointed variety, with a very small tap-root and small, fine top. The shape and size are extremely uniform, averaging 6 to 7 inches in length and $1\frac{1}{2}$ inches in diameter, clean-skinned, smooth, and easily pulled. The flesh is very fine-grained, absolutely without any woody heart or core, and entirely free from stringiness and coarseness. The color of the flesh is a rich red-orange, and its flavor is of the finest. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Chantenay. A most excellent, medium-early, half-long variety. It is one of the best in quality for the market and home-garden, while its great productiveness and the ease with which it can be harvested make it desirable as a field sort. The tops are medium-sized, with small neck. The mature roots are thick, $5\frac{1}{2}$ to 6 inches in length, uniformly half-long or stump-rooted but tapering slightly, smooth, deep orange-red in color. The flesh is very crisp and tender. Although a medium-early sort, the roots are suitable for use nearly as early as any. The variety is extensively used for bunching. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

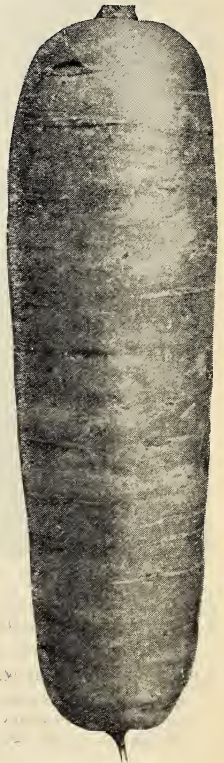
Danvers Half-Long. Grown largely on account of its great productiveness and adaptability to all classes of soil. The tops are of medium size, and the mature roots of medium length, 6 to 8 inches, tapering uniformly to a blunt point. The flesh is deep orange, tender, and of good quality. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

Improved Long Orange. The roots of the improved strain of this variety we offer are very deep orange, long and comparatively thick, often 12 inches in length and 3 inches in diameter at the crown, tapering regularly to a point. The roots are tender and of good quality. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

Oxheart. Roots short and thick. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.



Danvers Half Long Carrot



Coreless Carrot



Golden Acre Cabbage

Golden Acre Cabbage

This is an extra-early strain of Copenhagen Market, which it resembles in every respect except size. The heads are of medium size, weigh 4 to 5 pounds, are as round as a ball, and very firm. The plant is of dwarf, compact growth, the average plant having but thirteen leaves, which allows close planting. Practically all the plants make perfect heads and mature at very nearly the same time, making it an **ideal crop to be followed by late celery**. Golden Acre matures earlier than any other variety, heading a week earlier than Jersey Wakefield and ten to fifteen days earlier than Copenhagen Market. Matures in 80 days from planting of seed. Pkt. 15 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1, $\frac{1}{4}$ lb. \$3.50.

Chinese Cabbage (Pe-Tsai)

A NEW VEGETABLE WHICH SHOULD BE GROWN IN EVERY GARDEN

This delicious vegetable is also known as "Celery Cabbage," "Chinese Lettuce," etc. It is a species of Cabbage with a fine, delicate flavor, resembling a stalk of celery more than a Cabbage head. It is as tender as head lettuce, with a mild and delicate flavor; excellent as a salad or cole-slaw, and if cooked quickly (being very tender) it is much better than Cabbage or turnips.

It is a cool-weather plant, being sensitive to extremely hot weather and can be grown to best advantage in early spring and fall. The plants should be transplanted when small, same as late Cabbage, allowing 18 to 20 inches between plants. You should try it this year. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts.

Cauliflower, Henderson's Early Snowball

This is undoubtedly the finest variety ever introduced; it is the earliest, and produces beautiful snow-white heads of the most delicious flavor. A splendid market variety. The seed we offer is pure and genuine, and sure to prove satisfactory. The culture of Cauliflower is very similar to that of cabbage. It is best to select new ground, as it does not succeed where other vegetables have been grown year after year. Pkt. 15 cts., $\frac{1}{2}$ oz. 45 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.

Cabbage

Early Copenhagen Market.

The type is thoroughly fixed, the heads maturing all at the same time, this being a great consideration to market-gardeners, entailing less labor in harvesting the crop, and allows the ground to be cleared at the first cutting. The heads average about 8 pounds each in weight, are very solid, with small core and of fine quality. It matures as early as Charleston Wakefield, and will give a much heavier yield to the acre than that popular variety. The plant is short-stemmed, the heads being produced almost on the ground level. The leaves are light green, rather small, saucer-shaped, and always tightly folded. The plants can be set closer than other varieties of similar size. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50, 10 lbs. \$30.

WELL-KNOWN STANDARD VARIETIES

Prices on Cabbage seed listed below, pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50

Burpee's Allhead Early. Flat heads; sure header.

Danish Ballhead. Best winter sort; round head.

Danish Round Head. Very hard; short stem.

Henderson's Early Summer. Standard variety.

Premium Late Flat Dutch. Flat head.

Early Jersey Wakefield. Extra-early pointed.

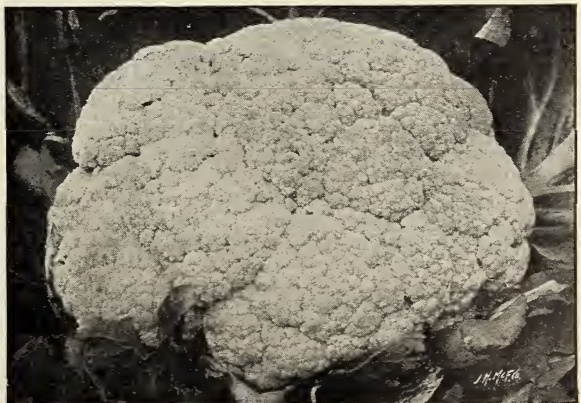
Early Winnigstadt. The heads are cone-shaped.

Rice's Surehead. Finest late Cabbage.

Red Rock. Best red sort.

Savoy Perfection Drumhead. Best of the Savoys.

One ounce of Cauliflower or Cabbage
Seed will make 3,000 plants



Henderson's Early Snowball Cauliflower

Golden Plume or Wonderful Celery

A most Excellent Addition
to the Celery Family

This new strain of Celery resembles the Golden Self-blanching, but is much larger and ranker in growth, blanches more quickly, matures earlier, and shows less tendency to blight. It has unquestionable merit in quality, flavor, sweetness, size and grows well both on muck and upland. Pkt. 10 cts., $\frac{1}{4}$ oz. 60 cts., $\frac{1}{2}$ oz. \$1.10, oz. \$2, $\frac{1}{4}$ lb. \$6, lb. \$20.

Fordhook Emperor Celery

An acquisition of outstanding merit, and a Celery of unsurpassed quality, that meets the exactions of the large and small grower for an extra-good sort. A dependable cropper and good keeper, Fordhook Emperor is of true dwarf type, having rich dark green foliage with slightly savoyed leaves. It is of the same high quality as Giant Pascal but, unlike that and other quality Celeries, is less likely to produce hollow stalks. The stalks are smooth, brittle, very thick, solid and of a decided nutty flavor, blanching white, with a heart tinged yellow. Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 65 cts., $\frac{1}{4}$ lb. \$2, lb. \$7.50.

Giant Pascal Celery

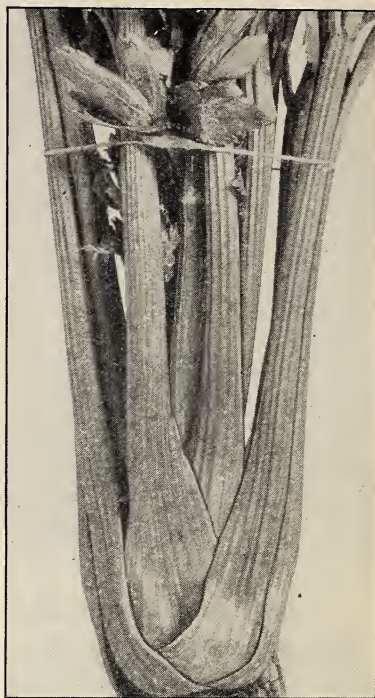
THE FINEST-FLAVORED CELERY GROWN

Giant Pascal is, without doubt, the best Celery for the home market. Has a fine, nutty flavor is crisp, tender, and a good keeper. It, as well as other Celery, must be sprayed early and often to prevent blight and keep in control the Celery beetle. Our stock of Giant Pascal is the best obtainable, high grade, and pure bred, grown by the most careful Celery specialist in France. Our other varieties are equally well grown and pure bred. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.

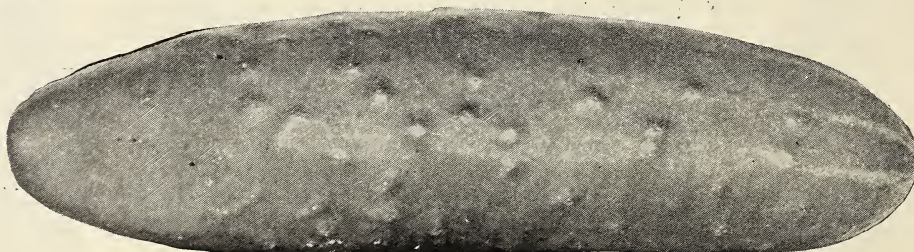
Sanford's Easy-blanching. A tall, easy-blanching sort, that has green leaves, but blanches white instead of yellow. Early, and an excellent winter keeper. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 65 cts.

Dwarf Golden Self-blanching. French-grown. An early dwarf sort. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 65 cts.

Improved White Plume. A very early handsome variety. Blanches a beautiful silver-white. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts.



Fordhook Emperor Celery



Davis Perfect Cucumber

Cucumber

One ounce will plant 50 hills;
two pounds will plant an acre

Davis Perfect. The long, even fruits are of fine form, with an intensely dark, rich green skin; has very few seeds; solid, white flesh, of superb quality for slicing. So handsome and regular are the fruits that they bring an extra price on market—often being taken for "hothouse-grown." Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Early Fortune. The finest type of White Spine yet produced. Early, very productive and disease-resistant; fruits 8 inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds; color rich, dark green, which does not fade when shipped a long distance. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Chicago Pickling. A most excellent pickling sort; very uniform, productive and good color. Our strain is much superior to stocks generally sold under this name. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Prices of the following varieties, pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25

Long Green Improved. Standard sort.

White Spine, Arlington Improved. Very reliable for all purposes.

Boston Pickling. One of the best for pickling.

Early Cluster. Fruit small; light green. Quite popular for early slicing and pickling.

Liberal packets,
10 cts. each

Lettuce

One ounce will produce
1,500 plants

Our Selected Stock of Big Boston.

heading, forcing sort for coldframes. The plants are large, very hardy and vigorous. The leaves are broad, comparatively smooth but wavy at the edge, thin, very hard and crisp. In color they are bright light green, the head slightly tinged with reddish brown. The inner leaves blanch to an attractive greenish white, tinged with light yellow. It heads up under cold weather conditions better than any other variety. *Our selected stock of this variety is uniform and true to type. No better stock can be procured at any price.* Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.



Big Boston Lettuce

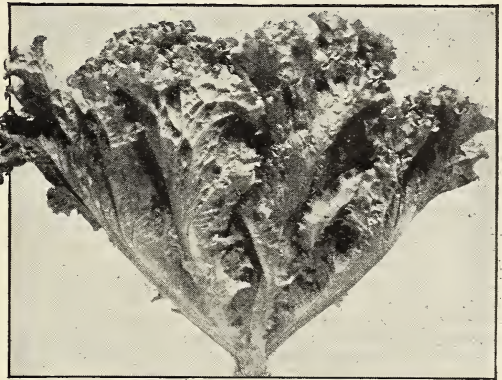
Black-seeded Simpson. The most popular and earliest Lettuce for the home or market-garden. It does not form a head but a compact mass of leaves, tender, crisp, and of excellent quality; stands heat and outdoor forcing. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Grand Rapids Forcing. This variety is especially adapted to greenhouse and hot-frame culture; it is of rapid, upright growth and may be planted close. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Los Angeles, Wonderful, or New York. This very large heading lettuce is desirable not only as a garden variety for summer use but is much used as a fall and winter market sort. The plant is very large but compact and tight heading; the inner leaves form a large head, very sweet and tender. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.75.

Early Prizehead. This old standard variety is still the best of the large, thin-leaved, clustering sorts for the home-garden, but it is not a good kind to ship long distances, as the leaves are so tender that they are easily spoiled in handling. The leaves are very large, crimped, bright green, tinged with brownish red, and are exceedingly tender, crisp and sweet, forming a large, loose head. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

May King. Heads extra large and solid; green outside, but heart clear yellow; very desirable. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.



Grand Rapids Forcing

Crisp as Ice. A slightly elongated, medium-sized, compact-heading variety; leaves very broad, somewhat blistered and crumpled, and very thick and stiff; outer leaves variegated dark brown and green, the brown predominating; quality excellent. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Hanson Improved. Extensively grown by market-gardeners, as it is always sure to make large, handsome heads of excellent quality; inner leaves white. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Iceberg. Exceedingly crisp and tender, heads tightly folded and blanched to a beautiful white. Outer leaves crinkled and light green, growing closely up around the head. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Paris White Cos, or Romaine. Blanches very nicely; upright grower. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.



Iceberg Lettuce

No Lettuce is so luscious as that grown in your own garden

Endive

One ounce will sow a row about 200 feet long

Giant Fringed (Oyster Endive). A strong-growing variety with a large white heart and broad leaves, the heads frequently measuring 15 inches in diameter. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.

Broad-leaved Batavian. Heads large, leaves broad and slightly wrinkled. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.

Green Curled Winter. Hardest variety. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.

White Curled. For early use. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.

Pumpkin

Connecticut Field. The popular field variety. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 60 cts.

King of the Mammoths. The giant among Pumpkins. Pkt. 5 cts., oz. 20 cts.

Livingston's Cushaw. Mottled green and white-striped. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Small Sugar. The New England pie Pumpkin. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Winter Luxury, or Sugar Pie. Round, medium in size, with a golden yellow skin closely netted like a netted muskmelon; of fine quality and an exceptionally good keeper. A superior pie Pumpkin. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Herbs and Other Seeds

	Pkt.	Oz.
Anise. Used for flavoring.....	\$0 10	\$0 15
Basil, Sweet. Leaves used for flavoring..	10	15
Caraway. Seeds used for flavoring.....	10	15
Coriander. Seeds used for flavoring.....	10	15
Dill. Used for flavoring pickles.....	10	15
Fennel, Sweet. Seeds aromatic.....	10	15
Horehound. Very useful for curing coughs	10	30
Kale. Used for greens.....	10	15
Leek. Used for flavoring.....	10	20
Marjoram, Sweet. Used as a seasoning.	10	25
Sage. A highly aromatic herb.....	10	25
Saffron. Used for flavoring.....	10	25
Savory, Summer. For flavoring soups.	10	15
Thyme. Used as a seasoning.....	10	30
Wormwood. Has medicinal qualities...	10	25



Winter Luxury Pumpkin



Giant Fringed Endive

Garden Cress

Extra-curved, or Pepper Grass. Its very desirable pungent taste is acceptable to most anyone who is fond of garden greens and garnishes. It is eaten as gathered, prepared with either a little salt and vinegar, or without; makes a very tasty salad. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts.

Water Cress. Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 30c., $\frac{1}{4}$ lb. \$1.

Dandelion

Improved Broad-leaved. A new strain highly recommended for market-gardens. Pkt. 10 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.50, lb. \$8.

Cultivated, or French Common. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.

Eggplant

Black Beauty. The earliest large variety. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.40, lb. \$5.50.



Hollow Crown Parsnips

Hollow Crown Parsnip

Standard variety. A large cropper, sugary and popular for general cultivation; tapering roots, smooth and fine grained, excellent for winter use. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.

Parsley

Champion Moss Curled. The leaves are a uniform deep green color, very finely cut, and so closely curled as to resemble bunches of moss. One of the most useful and decorative sorts. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

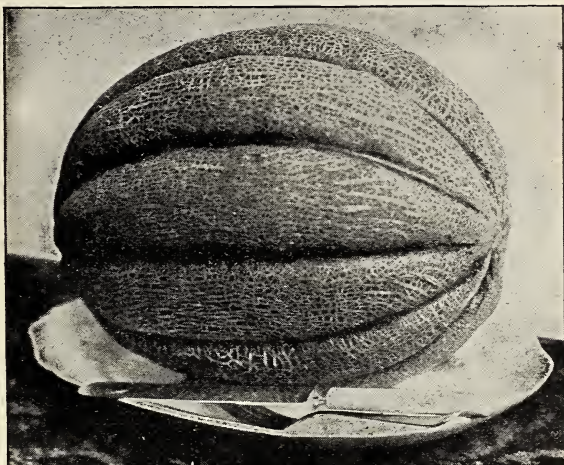
Hamburg (Turnip Rooted). The root is the edible portion and is extensively used for flavoring soups, etc. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Extra-Early Osage Muskmelon

AN EXTREMELY EARLY
HIGH-QUALITY MELON

A PROFITABLE VARIETY TO GROW FOR MARKET AND A DESIRABLE MELON FOR THE HOME-GARDEN

The Extra-Early Osage Melon combines all the excellent qualities of its parent, the Osage or Miller's Cream, with real earliness, being a week to ten days earlier than the original Osage. In fact, with the exception of the Knight Melon, is about the earliest variety in our trial-grounds. It is but a trifle smaller in size than its parent, has deeper colored flesh, a smaller seed cavity, and is more heavily netted. A handsome melon and as good as it looks, as the many visitors to our Grass Lake, Michigan, Seed Farms during melon season will testify. One ounce will plant about 80 hills. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.



Extra-Early Osage Muskmelon

Extra-Early Knight (Sweet Air). An extremely early medium-sized melon of the Acme type. Fruit oblong, showing the neck tendency of its parent, distinctly ribbed and closely netted; flesh fairly thick and very sweet, color medium green blending to light pink near the center. The earliest high quality melon for the Far North. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Burpee's Netted Gem, or Rocky Ford. Flesh light green. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Emerald Gem. Standard variety; skin emerald-green. Flesh luscious and tender. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Hackensack, or Extra-Early Improved. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Jenny Lind. Extra early; small; green-fleshed. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Tip-Top. Deep salmon-color; sweet and spicy. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Watermelon

Tom Watson. Splendid; both for home-garden and shipping; shape long; color dark green; flesh bright red and very solid. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Kleckley Sweets, or Monte Cristo. Oval shape. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

One ounce will
plant 50 hills

Cole's Early. Medium size, nearly round. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

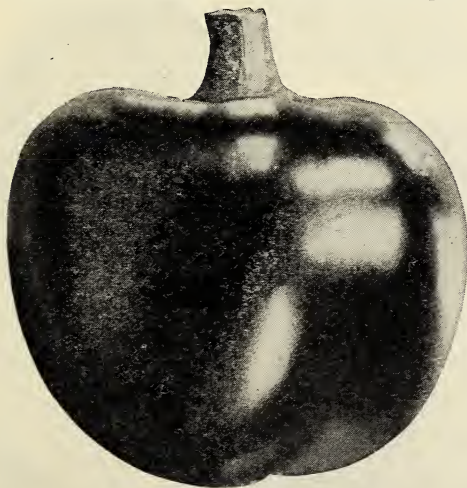
Fordhook Early. Nearly round; flesh bright red. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Halbert Honey. Skin dark green; very sweet. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Pepper

One ounce will
produce 1,500 plants

Burpee's Sunnybrook. The Sweetest and most Prolific of all Pimiento Peppers. Also called Cheese, Tomato, or Squash Pepper. The Peppers are the shape of a tomato and quite smooth, deep green changing to bright red, when ripe. Flesh extremely thick and of sweet mild flavor. Ripens medium early. An excellent variety for salads. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.



Burpee's Sunnybrook Pepper

Pimiento, "Sweet-Meat Glory," or Sweet Salad Pepper. Fruit of medium size, pointed or top-shaped, very smooth and glossy; exceptionally thick flesh which is firm, sweet, and of the very best quality for either salads, stuffing, or canning. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

Harris' Earliest. A Pepper particularly adapted to northern growing conditions. The heaviest yielding large Pepper in cultivation. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts. $\frac{1}{4}$ lb. \$2.

Ohio Crimson Giant. It is nearly as large as Chinese Giant, and much earlier and more prolific. Pkt. 10 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.

Chinese Giant. The largest and finest mild red variety. Pkt. 10 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.

Large Bell, or Bull Nose. Large, mild, and thick-skinned. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

Long Red Cayenne. A small, long, bright red sort. Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75.

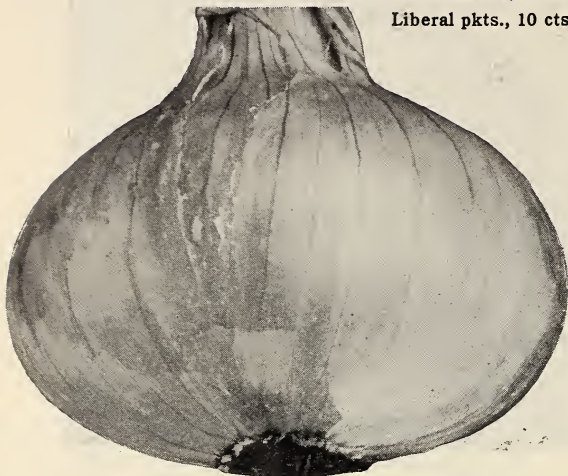
Mammoth Golden Queen. Pkt. 10 cts., oz. 60 cts.

Ruby King. Flesh is thick, sweet, and mild. Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75.

Onion Seed

One ounce will plant 100 feet of drill; 5 to 6 pounds in drills for an acre. For sets, from 50 to 60 pounds should be sown to the acre, according to the richness of the soil

Liberal pkts., 10 cts. each, ½oz. pkts. 20 cts. each, postpaid



Ebenezer, or Japanese Onion

Ebenezer, or Japanese. This is a very popular Onion, in fact, the quality of this variety is far superior to other kinds and the yield is also larger. If the Sets are planted early in the spring, the Onions will be ripe in July and can be used all through the fall and winter. A favorite because of its elegant keeping qualities, carrying through the winter without any loss whatever, its appearance, being large and of a uniform size, and because of its delicious mild flavor. Oz. 35 cts., ¼lb. \$1.

Yellow Globe Danvers, Our Finest Strain. This is the product of years of careful selection, and is the most perfect type of the Yellow Globe Danvers Onion which intelligent, painstaking care can produce. It is immeasurably superior to the average seed offered, not only in shape and color, but in productiveness. This, our special strain, is all grown from selected, hand-picked bulbs, none but those perfect in size and shape being set for seed, and the product will be just as perfect in all points. Oz. 35c., ¼lb. \$1.25, lb. \$3.50.

Large Red Wethersfield. Onion-growers who prefer the red varieties will find our pedigree strain far surpassing the ordinary Red Wethersfield in size, productiveness, and keeping qualities. It is of the finest form; skin deep purplish red; flesh purplish white. Oz. 35 cts., ¼lb. \$1, lb. \$3.

Prizetaker. This variety excels every Onion now existing in beauty, size and productiveness, and equals the best in quality. The color is a bright straw, and it always grows to a uniform shape, which is nearly a perfect globe. Our seed is the choicest American-grown, and not imported Spanish King as sold by some dealers at low prices under the name of Prizetaker. Oz. 35 cts., ¼lb. \$1, lb. \$3.

Southport Yellow Globe. Like the well-known White Globe except in color of skin; of large size. An excellent keeper; fine for market. Oz. 35 cts., ¼lb. \$1.25, lb. \$3.50.

Southport White Globe. A large, globe-shaped Onion; firm, fine-grained, of mild flavor; keeps well. This is one of the handsomest Onions grown, of beautiful shape, clear, white skin, and commands the highest market price. Oz. 35 cts., ¼lb. \$1.25, lb. \$3.50. (See illustration below.)

White Queen Pickling. A very good early-maturing pickling Onion. Pure paper-white; from 1 to 1½ inches in diameter; of very mild and delicate flavor; fine for bunching for the early market; also for pickling. Oz. 35c., ¼lb. \$1.25, lb. \$3.50.

White Portugal, or Silverskin. A large, flat, white Onion of mild and pleasant flavor; hard and fine-grained, and a good keeper. Extensively sown for sets, and is also largely grown for pickling. Oz. 35 cts., ¼lb. \$1.25, lb. \$3.50.

Onion Sets

THE REASON FOR PLANTING ONION SETS

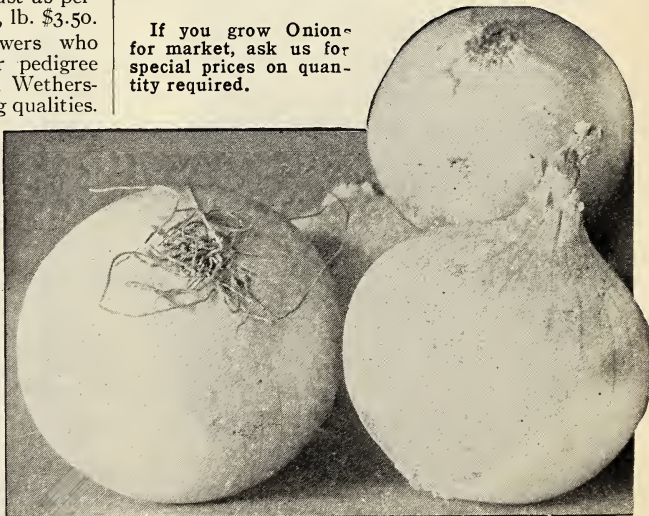
Yellow Danvers Sets. Our Onion Sets will produce Onions much earlier than by sowing the seeds, which frequently permits the planter to sow another crop on the land the same year. For green or bunch Onions, Sets will produce a crop in half the time it takes to raise them from seed. Plant Onion Sets and Tops near the surface in drills 1 foot apart and 2 inches in the rows. They require the highest culture to obtain the best results. Qt. 25 cts., bus., market price.

Ebenezer, or Japanese Sets. By the use of these Sets large ripe Onions of the finest quality can be easily raised. Sets of this variety rarely produce seed-stalks as other kinds do. Qt. (1 lb.) 25 cts., pk. (8 lbs.) \$1.25, bus. (32 lbs.) \$3.50.

White Sets (Silverskin). These make nice-looking and fine-flavored Onions to eat while young. They also produce good large mature Onions of fine quality. Qt. (1 lb.) 30 cts., pk. (8 lbs.) \$1.50.

If by mail, add 10 cts. per qt., 15 cts. per pk., for postage

If you grow Onion for market, ask us for special prices on quantity required.



Southport White Globe Onions

The Three Best EARLY PEAS

It is our desire that our customers be given the opportunity to purchase something new and better in Peas. Wherever possible, where improvements have been made on standard varieties, we offer them. Our list embraces the newest and highest types in Pea culture.

Blue Bantam, or Hundred Fold

A Telephone Pod on a Dwarf Pea

It is unequaled for combination of extreme earliness, superb quality, and unusual productiveness. The dwarf, vigorous vines average 16 inches in height and carry really enormous crops of large, deep bluish green pods. The handsome pointed pods, generally borne singly, measure 4 to 4½ inches long and are tightly packed with eight to ten large, deep bluish green Peas. These Peas are not only large in size, but of *most luscious flavor*. The pods are ready to pick as early as Little Marvel, while much larger; in fact, they average fully as large as Gradus. Pkt. 10 cts., ½pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (56 lbs.) \$12. Postage extra, see below.

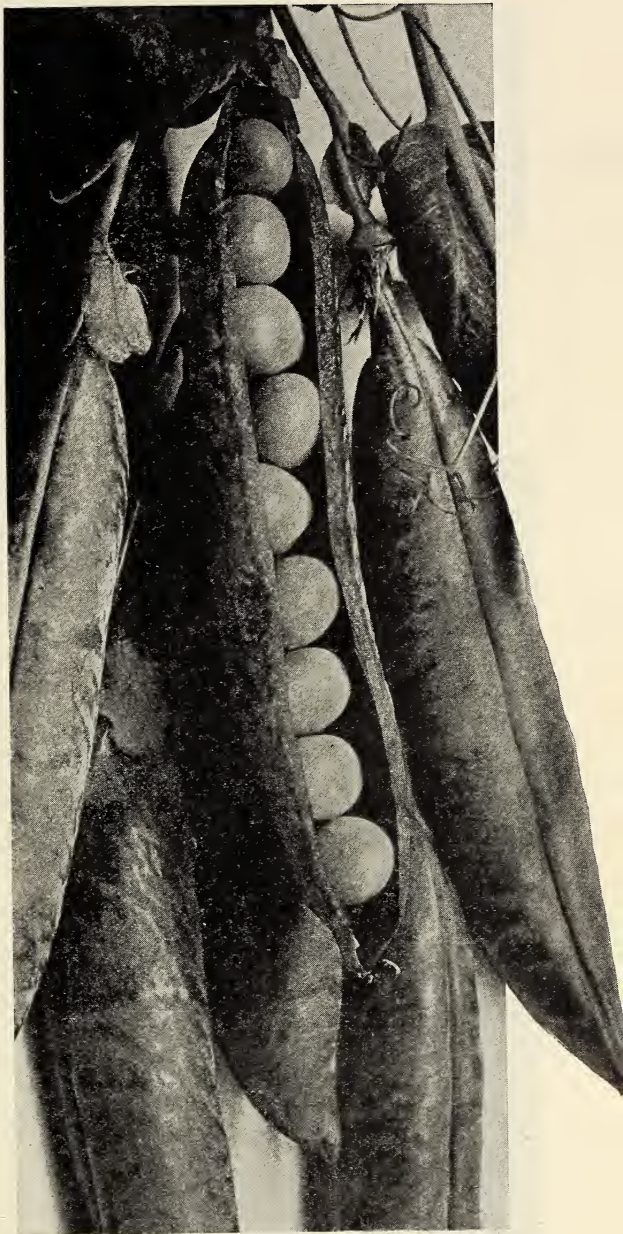
Improved Thomas Laxton

THE POPULAR MARKET PEA

As a money-maker this Pea surpasses all others

Closely resembling but hardier and a more abundant yielder than the famous Gradus—as a long-podded extreme-early wrinkled Pea—and in some respects is even better! The growth is identical, but the pods are a deeper, richer green and square at the end. In the judgment of experts, Thomas Laxton is even sweeter and finer in flavor and as the large Peas are of a deeper green, they present a more attractive appearance. Thomas Laxton can be planted earlier than most wrinkled sorts. It is the first Pea of quality appearing in quantity on the markets.

We highly recommend it for market-gardener—our stock of this variety was especially grown for us. Pkt. 10 cts., ½pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (56 lbs.) \$12.



Blue Bantam, or Hundred Fold Peas

Little Marvel Dwarf Peas

As a large-yielding, short-vined variety Little Marvel stands at the head of its class

A dwarf, first-early Pea of unusual value. The demand among market-gardeners for this variety is enormous. It is the one early Pea that can be depended upon for a crop, maturing, as it does, at a season most favorable for the development of Peas and at a time when prices are the best. Little Marvel will shell out more Peas than any other early variety. Little Marvel always matures a pod packed so tightly with Peas, that, when shelled, they appear more square than round.

The vines average 15 inches in height and produce a heavy crop of 2½-inch pods, frequently in pairs. They contain six or seven large, dark green Peas which remain in good eatable shape a week later than most other varieties, and their dark green color is more attractive than the light green sorts. A desirable Pea for both the home garden and market. Pkt. 10 cts., ½pt. 20 cts., pt. 35 cts., qt. 65 cts. Short crop.

If wanted by parcel post, add postage, 10 cts. extra for first quart, 2 cts. for each additional quart.

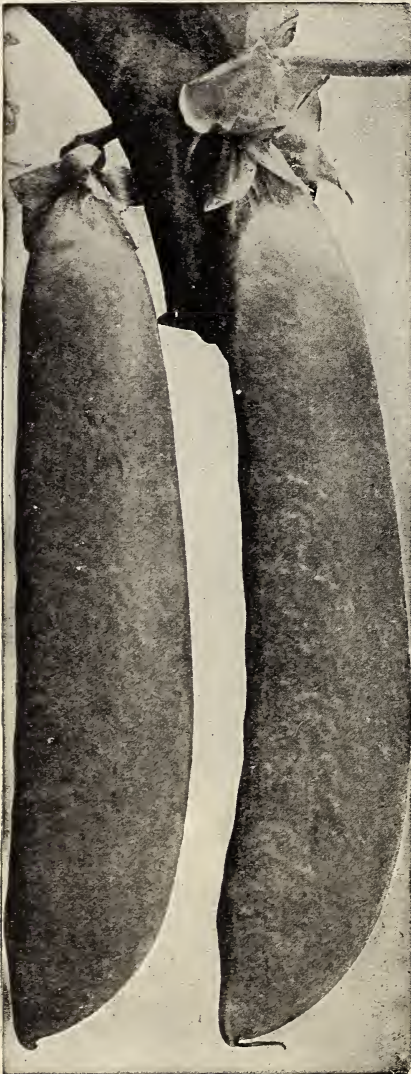


World's Record, or Gradus Pea is one of the best for the home-garden or market

Garden Peas of Special Merit

SELECTED FOR OUR CRITICAL TRADE

Don't stick to the old, antiquated varieties of Peas; surprise yourself and customers with some of the newer and better sorts. Our list embraces the newest and highest types in Pea culture



New Perfection Pea
An Improved Everbearing

World's Record. An Improved Gradus.

Slightly earlier than Gradus, more dwarf, true to type, and productive. Vines moderately stout, medium green, pods medium green, 4 inches long, fairly broad, pointed and well filled with seven to nine very large, dark green Peas of exceptional quality. Height 2 feet. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (56 lbs.) \$12.

New Perfection. An Improved Everbearing.

One of the most excellent, immensely productive second-early or main-crop Peas, and one of the most showy. Vine very sturdy and strong, deep green in color; pods $4\frac{1}{2}$ inches long, quite broad, straight, pointed and medium light green, containing eight to nine very large, sweet, bright green Peas. Height $2\frac{1}{2}$ feet. (See illustration.) Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (56 lbs.) \$12.

Sutton's Ideal. An English variety, said to be an improvement on Thomas Laxton.

Vine and foliage moderately heavy, medium green; pods medium green, $3\frac{1}{2}$ inches long, broad, thick and "stubby" appearing; square ended; pods contain seven medium green Peas of best quality. Fairly productive and in season with Gradus. Height $2\frac{1}{2}$ feet. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., pk. \$3.75, bus. \$12.

Prizewinner. A New Main-Crop Pea. In this

splendid variety we have an ideal medium dwarf, main-crop Pea, giving us as many and as large pods as the very tall varieties—in truth it is a fine Dwarf Telephone. The vine is remarkably sturdy, and the foliage is heavy and very dark green. The pods are from $4\frac{1}{2}$ to 5 inches in length, very broad and heavy, straight, pointed, dark green and containing nine very large deep green Peas of most excellent quality. Height $2\frac{1}{2}$ feet. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.25, pk. \$4.

Sow the earliest varieties as soon as the ground can be worked in the spring. The wrinkled varieties are not so hardy as the smooth sorts and should not be planted quite as early. The rows must not be closer than 2 feet for the dwarf varieties, the taller Peas farther apart, sowing about 1 quart to 75 feet of row.

IF WANTED BY PARCEL POST, ADD POSTAGE, 10 CTS. EXTRA FOR FIRST QUART, 2 CTS. FOR EACH ADDITIONAL QUART

Peas are different from all other vegetables—the seeds are large and only one stem grows from each seed. They do not tiller; the plant is not bushy. They must be planted close together—12 to 16 seeds to the foot.

While a 5-cent packet of lettuce or radishes might suffice for the family garden and yield sufficient portions for numerous meals, a like amount of Peas will not. It requires 1 pint to plant 40 feet of row. Peas form a profitable crop to grow. Plant all you have room for.

OUR POLICY: Reliable Seeds, Reasonable Prices

Garden Peas of Special Merit

Wrinkled varieties are marked with a star (). The height is given after each variety*

LIBERAL PACKETS, 10 CTS., POSTPAID. IF ORDERED BY PARCEL POST, ADD 10 CTS. FOR FIRST QUART AND 2 CTS. FOR EACH ADDITIONAL QUART FOR POSTAGE

Extra-Early Varieties

Alaska. Earliest of all Peas. This variety can be planted as soon as the frost is out of the ground. Pods dark green, well filled and ripening uniformly. One of the best for the market-garden. Height 2½ feet. Blue Seed. ½pk. 15 cts., pt. 25 cts., qt. 45 cts., 4 qts. \$1.75, pk. \$3, bus. (60 lbs.) \$10.

Best Extra-Early. (White seed.) Superior strain of the extra-early Peas; first to plant and most profitable. Height 2½ feet. ½pt. 15 cts., pt. 25 cts., qt. 45 cts., 4 qts. \$1.75, pk. \$3, bus. (56 lbs.) \$10.

***Nott's Excelsior.** This is one of the most popular extra-early wrinkled varieties, especially with the market-gardener. Vines are dwarf and vigorous. Pods contain from six to eight large Peas, packed very closely together in the pod, making them more square than round. Pods average about 3 inches in length. Peas of superior quality. Height 1 foot. ½pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3.25, bus. (56 lbs.) \$11.

***Premium Gem.** Extra early, prolific, and of delicious flavor. Height 15 inches. ½pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3.25, bus. (56 lbs.) \$11.

Second-Early and Late

***Dwarf Telephone.** or CARTER'S DAISY. This medium late Pea is of healthy, stocky growth, with dark green vine and foliage, and very productive. The green pods are 5 inches long, straight and pointed, containing nine or ten large, luscious green Peas of the best quality and flavor. A desirable garden Pea. Height 2½ feet. ½pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75.

***Champion of England.** One of the richest, best-flavored late Peas; well known and popular. Vines stout, deep green; pods often in pairs, medium green, 3½ inches long, straight, nearly round and blunt ended, containing eight light green Peas; productive. Season following Telephone. Height 4 feet. ½pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (56 lbs.) \$12.



Nott's Excelsior Peas

Improved Telephone. The best strain of this well-known standard variety. The vines are vigorous, with heavy leaves and broad pods, 4½ inches long, light green in color, and well filled with eight to ten extra-large Peas. Very productive. Quality fine. Height 4 feet. ½pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (56 lbs.) \$12.

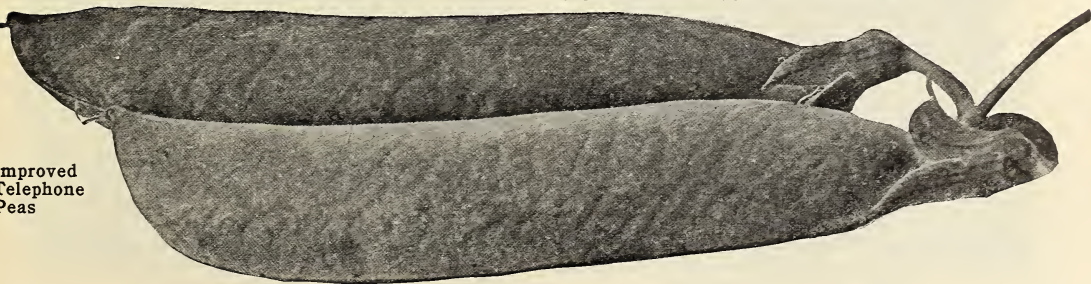
Giant Luscious Sugar. [A new edible podded sort. Height 4 to 5 feet. ½pt. 30c., pt. 50c., qt. 75c.]

Mammoth Melting Sugar. (Edible pods.) Large, broad pods, very brittle and stringless. Height 4 feet. ½pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (60 lbs.) \$12.

Inoculate
this seed with
NOD-O-GEN

Inoculate your Peas. It
helps raise better crops and
improves the land.

Improved
Telephone
Peas



Radishes

One ounce will sow 100 feet of drill

The small, round, short-top Radishes of the red and white-tipped sorts are the quickest in maturing. Of the white varieties, Long Icicle is supplanting all other varieties because of its excellent, superior quality. French Breakfast is the ideal olive-shaped Radish. The summer varieties are the Long Chartier, White Strasburg and Lady Finger. The most popular of the winter varieties is the White Chinese (Celestial), producing large roots, clear white in color.

Radishes to be crisp and tender, must be grown quickly in rich, loose soil and gathered before reaching full size, as they soon become soft and pithy; this is especially so of the small, turnip-shaped varieties—the long varieties will “stand longer.” Seed should be sown thinly in drills when the trees are starting in leaf, and successive plantings made one week apart.

Prices, except noted, pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. \$1.

Scarlet Button (Non Plus Ultra). Excellent forcing and open-ground Radish.

Long White Icicle. The finest white variety.

Early Scarlet Turnip, White-tipped. Popular. Early, crisp and tender.

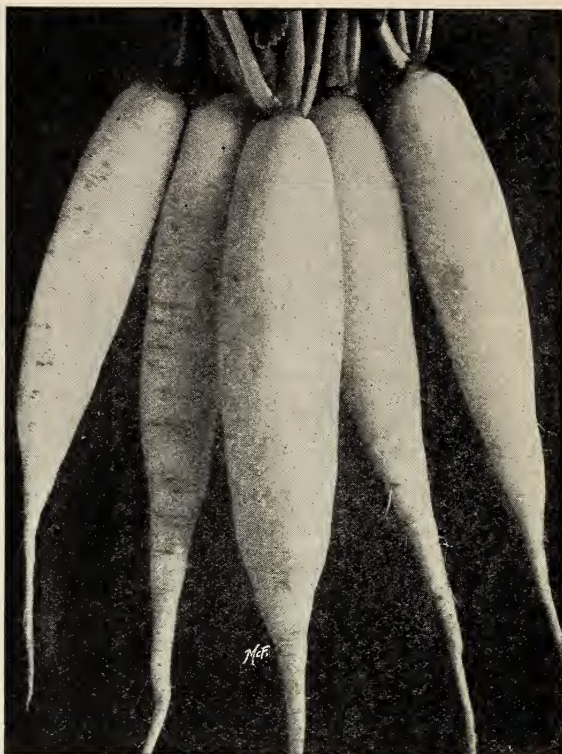
Sparkler White-tipped. The white extends further up on the Radish and on this account is more popular in some markets.

White Strasburg. One of the most popular summer sorts. Roots long, quite thick.

Vick's Scarlet Globe. We have an exceptionally fine stock of this superb variety. It is one of the very earliest of the forcing Radishes and does equally well outside; roots are of fair size, globe-shaped and with a small top; always crisp and tender; color a bright scarlet.

Cincinnati Market. A desirable market variety with roots similar to Early Long Scarlet Short Top, but averaging longer, deeper red in color, and remaining a little longer in condition for use.

Crimson Giant. Best Radish for hot weather.



Long White Icicle Radishes

French Breakfast. Pink and white; olive-shaped.

Long Scarlet Short-Top. Most popular early.

Long White Lady Finger. Fine for summer.

Long Chartier. Tender and crisp; best for summer.

Long Black Spanish. For fall and winter.

Rose China Winter. For fall and winter use.

White Chinese, or Celestial. For fall and winter.

Philadelphia White Box. Beautiful; white; round.

Squashes

The Squashes are a very desirable addition to the garden—those who love a tempting, luscious dish will find the Summer Squash indispensable. A deeper conviction of the importance of growing our own winter vegetables has become emphasized since home-gardening played such an important part in the successful termination of the war. The Hubbards and other varieties of Winter Squashes are easily stored and very palatable when cooked, and make delicious pies when the thermometer hovers around zero.

Liberal packets, 10 cts. each

DELICIOUS. A fall-winter sort; top shaped; dark green but sometimes of a lighter shade; flesh orange, very dry and delicious. Oz. 20c., ¼lb. 50c., lb. \$1.75.

Boston Marrow. Fine fall variety; flesh yellow and firm. Oz. 15 cts., ¼lb. 45 cts., lb. \$1.25.

Mammoth White Bush, Scalloped or Patty Pan. Early. Summer. Oz. 15 cts., ¼lb. 45 cts., lb. \$1.25.

Golden Summer Crookneck. One of the earliest summer varieties. Oz. 15 cts., ¼lb. 45 cts., lb. \$1.25.

Warted Hubbard. The standard Winter Squash. A superior strain. Oz. 20 cts., ¼lb. 50 cts., lb. \$1.75.

Golden Hubbard. Earlier than Warted Hubbard; equal in quality. Oz. 20 cts., ¼lb. 50 cts., lb. \$1.75.

Mammoth Chili. The largest variety, attaining an enormous size under high cultivation. Oz. 15 cts., ¼lb. 45 cts., lb. \$1.50.



Warted Hubbard Squash

Spinach

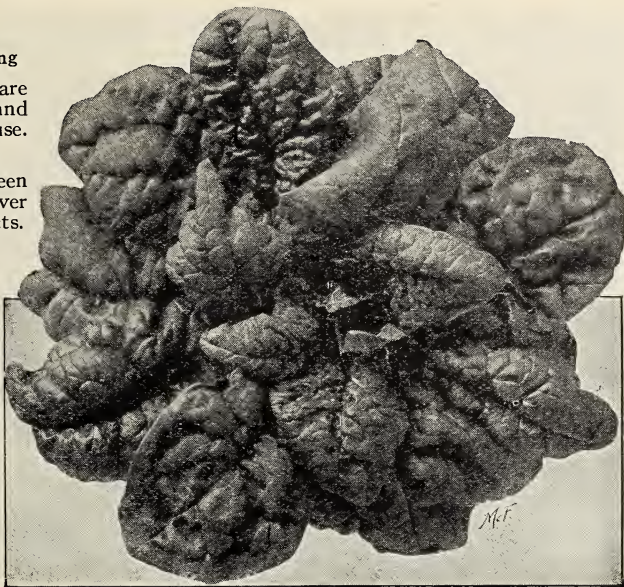
One ounce will sow a row about 100 feet long

Savoy-leaved, or Bloomsdale. Leaves are very curled and crumpled. It is early and very hardy, being splendid for fall use. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.

Victoria. The leaves are very dark green and of the true Savoy type. It winters over better than other varieties. Pkt. 5 cts. oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 50 cts.

King of Denmark. This variety has, in the few years since its introduction, taken its place as one of the leading varieties of Spinach. It has proved equally satisfactory for either the home or market-garden, and we urge you to give it a trial if you have not already done so. Although the plants are ready for use almost as soon as the medium-early sorts, they remain in good condition from a week to two weeks after all other varieties have gone to seed. The plants are of rapid growth, resemble the Long Season in type but leaves are more crumpled or blistered, and are of a darker green color. The leaves are thick, stand well after cutting and are of good quality. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

New Zealand. Unlike true Spinach in type and in that it thrives during hot weather and in any soil, rich or poor. The tender shoots are of good quality and may be cut throughout the summer. The plant becomes very large and spreading. The leaves are comparatively small, broad and pointed. Plant three or four seeds in hills 2 feet apart each way. Germination of the seed can be hastened by soaking in warm water twenty-four hours. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 75 cts.



A perfect plant of Bloomsdale Spinach

Turnip

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.,
except where noted

Purple-Top Strap-Leaf. Best-known variety.

Purple-Top White Globe. A popular sort.

White Egg. Pure white; egg-shaped; early or late.

White Globe. White, round, large cropper.

Extra-Early White Milan. Probably the earliest of the flat Turnips. Both skin and flesh are pure white; flavor is mild and sweet. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

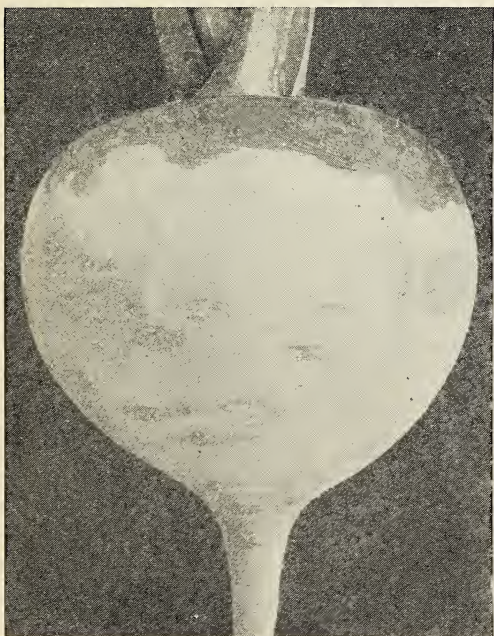
Amber Globe. Excellent for table. Flesh yellow, firm, and fine-grained. A good keeper and cropper.

RUTABAGA, Improved American. Purple top, yellow skin. Oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 75 cts.

Salsify, or Oyster Plant

This plant is used as a substitute for oysters, and we like it fully as well as the oysters themselves. It is used either in soup or scalloped with best results. Before the ground freezes the roots should be dug and stored as you would other root crops. Light freezing greatly benefits the flavor.

Mammoth Sandwich Island. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.



Purple-Top White Globe Turnip

TOBACCO DUST

Save your Radishes and Turnips from worms. Strew it generously in the row before sowing. It acts as a repellent for many insects infesting the soil. Deserves much more general use. Dusted over Cucumbers, Melons and Squashes it helps greatly to rid these vines of the destructive bugs. Apply in the morning when the plants are covered with dew. 5 lbs. 35c., 25 lbs. \$1.25, 50 lbs. \$2, 100 lbs. \$3.75. Postage extra.

Tomato

One ounce will produce 1,500 plants
Liberal packets, 10 cts. each



Bonny Best Early Tomatoes

This variety is a vigorous grower; enormously prolific. In shape it is slightly flattened but thicker through than most other Tomatoes. In color it is a beautiful scarlet-red, setting its fruit in clusters of five or more at close intervals. Makes a magnificent variety for slicing. A good early red-skinned variety for all purposes. Oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.

Earliana, Extra-Early. (Selected Stock.) Our special strain of this well-known early Tomato has been selected by an expert for earliness, making it possible for the grower to take advantage of the highest market. Oz. 35 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Golden Trophy, Pear-shaped Red and Pear-shaped Yellow, Red Cherry. Oz. 35 cts.

Chalk's Early Jewel. Within 2 weeks as early as the famous Earliana, it is even a heavier cropper, with Tomatoes of larger size and sweeter flavor. While its more robust growth makes it a sure cropper. Oz. 35 cts., $\frac{1}{4}$ lb. \$1.

John Baer. An early, productive, red Tomato on the order of Chalk's Jewel. We have a splendid, uniform stock of this variety. Oz. 35 cts., $\frac{1}{4}$ lb. \$1.

Matchless. A very dependable, large, smooth, second-early sort; makes a good canning variety; color cardinal red. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

New Stone. A great favorite with gardeners; the heaviest and most solid-fruited of the large Tomatoes of good quality. Oz. 35c., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Dwarf Stone. Early; very large. Oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.

Crimson Cushion, or Beefsteak. Crimson; extra large. Oz. 60 cts., $\frac{1}{4}$ lb. \$1.75.

Ponderosa. Very large, solid and of good flavor; specimens have been grown to weigh 4 pounds; color bright red. Oz. 75 cts., $\frac{1}{4}$ lb. \$2, lb. \$6.



Stone Tomatoes



Popular Flower Seeds

Each year the interest in flowers for garden and home decoration increases and more people turn to the growing of flowers for recreation and pleasure. Flower-lovers will find a number of new varieties in our lists this year, as well as all of the old friends. We have devoted most of our attention to the "annuals," that is, the kinds which grow, produce flowers, mature, and die the same season, since these are generally found most satisfactory in the average garden. Among the Annuals are flowers for every purpose, tall and low-growing, trailing and climbing, for cutting and for garden display. All Flower Seeds are sent postpaid to your door.

All varieties not designated by H. P. are annuals, blooming the first season

HARDY PERENNIALS ARE DESIGNATED BY H.P.

There are a number of perennial varieties that will bloom the first season if sown very early; other varieties should be sown later, giving a continual riot of color year after year. Your attention is called to these extra good Perennials which are described in the following pages. Find them in the Index.

Aquilegia (Columbine)	Carnation, Marguerite	Gaillardia (Blanket Flower)	Oriental Poppies
Bellis (English Daisy)	Digitalis (Foxglove)	Gypsophila (Baby's Breath)	Shasta Daisy
Coreopsis grandiflora	Delphinium (Larkspur)	Hollyhocks	Sweet William
Canterbury Bells	Forget-me-nots		

FERTILIZERS MAKE FLOWERS GROW AND BLOOM

Most annual flowers, due to their short season of growth and profuse bloom, are heavy feeders and require an abundance of a quick-acting fertilizer. Nitrate of Soda and Sheep Manure are particularly adapted for this class of plants. The Sheep Manure should be applied at the time of planting; the Nitrate of Soda several times during the season. The perennial plants are slower growers and for that reason the less-active fertilizers, such as Bone-Meal and our Special Garden Fertilizer, meet their requirements. Either should be applied at time of planting and supplementary applications should be made during the life of the plant. For prices see pages 48 and 49.

Popular Annuals in Convenient Groups for a Choice

Annuals for Edgings

Ageratum	Pansy
Alyssum	Petunia
Asters	Portulaca
Candytuft	Phlox
Forget-me-nots	Salvia
Marigold	Verbena
Nasturtium	Zinnia

Annuals for Cut-Flowers

Antirrhinum	Marguerites
Asters	Marigold
Bachelor Buttons	Mignonette
Calendula	Phlox
Cosmos	Scabiosa
Gaillardia	Sweet Peas
Gypsophila	Zinnias

Annuals for Fragrance

Alyssum
Candytuft
Mignonette
Nicotiana
Dianthus

PRICE OF FLOWER SEEDS. All flower seeds are put up in large generous quantities in beautiful packets lithographed in colors with common sense cultural directions, and should not be compared to the common bargain seeds sometimes offered to attract attention. All 5c. packets, 6 for 25c.; all 10c. packets, 6 for 50c., entirely your selection. Prices for ounces or fractions of an ounce are very liberal for those who need more than packets.



Branching Aster



Giant Crego Aster



Queen of the Market Aster

Chaapel's Superb Asters

Of all the flowers in the garden, none will give more genuine satisfaction than the Aster. The early sorts begin to bloom in midsummer, and the late varieties carry the garden well into chrysanthemum-time.

Hints for Sowing Aster Seed

Just exactly as fine flowers are obtainable from outdoor-grown plants as from those started inside, except in the case of the earliest varieties which must be sown inside very early. All our own Aster seed is raised on outdoor-grown plants.

The easiest way to grow Aster plants is to sow the seed in rows in the vegetable-garden or flower-bed in some position that is well protected from cold winds yet fully exposed to the sunlight. If this is done in April or early May, as soon as the ground can be worked, the plants will come along in time for a full crop of flowers.

As soon as up they should be thinned to $\frac{1}{2}$ inch apart in the row, in order to make good hardy, stocky plants. These will be ready to transplant, by the first to the middle of June, into the field 1 $\frac{1}{2}$ feet apart each way.

Special Long-branching

The Long-branching Asters are known wherever Asters are grown. The plants are large and vigorous, the stems long and strong, and the great fluffy flowers, as we now grow them, are double to the center. There are other Asters, exquisite in form and delicate in color, but the Long-branching Aster is still the leading Aster in all the flower-markets in the country and still holds the first place in the garden of the amateur.

Shell-Pink	Lavender	Purple
White	Rose-Pink	Choice Mixed

Pkt. 10 cts., 3 pkts. 25 cts., $\frac{1}{4}$ oz. 50 cts.

Peerless Pink Aster

This is conceded to be the finest pink late branching Aster ever offered. The plants are of robust, free-branching habit, 24 to 30 inches high, bearing their magnificent blooms on strong stems, averaging 18 inches in length. It is hard to find a flower under 4 inches across, and many measure 5 inches by 2 $\frac{1}{2}$ inches in depth, forming an almost globular bloom. The color is a rich shell-pink. It comes into bloom about the middle of August, being at its best during the early part of September and continuing in good condition well into October. (See illustration.) Pkt. 10 cts., 3 pkts. 25 cts., $\frac{1}{4}$ oz. 50c.

Queen of the Market

Largely grown by commercial florists for cut-flowers and for early market. The plants have an open, spreading habit, and the large, double flowers have a loose and graceful appearance. Seed should be sown quite early in the house. **Mixed.** Pkt. 10 cts., 3 pkts. 25 cts., $\frac{1}{4}$ oz. 35 cts.

Special prices to florists and gardeners who grow for market.

Giant Crego or Comet Aster

The twisted and curled petals give the flower the appearance of a huge, flat chrysanthemum. The flowers are very large, often measuring 5 inches in diameter. The strong, erect stems average 20 to 24 inches in length. Though the flowers are large, they are produced in abundance. This is perhaps the most graceful of the Asters. Charming when cut. (See illustration.)

White	Rose-Pink	Purple
Shell-Pink	Lavender	Mixed

Pkt. 10 cts., 3 pkts. 25 cts., $\frac{1}{4}$ oz. 50 cts.



Peerless Pink Aster

The Newer Asters of Real Merit

These American-grown Asters embrace several distinct types and colors, which we feel sure will, on account of their free growth, profuse flowering, large size, and general excellence, give entire satisfaction to the most critical growers of this popular flower. The high quality of flowers that can be grown from these newer sorts will prove very profitable and pleasing to the successful grower.



New California Giants

In this splendid new strain, the earliness and the beautiful fluffy Comet type of flower of the Crego Asters is combined with the giant size and vigor of the American. The flowers are full-centered and substantial, averaging 5 to 6 inches across, and produced on stout stems $1\frac{1}{2}$ to 2 feet long without dis-budding. Our seed is direct from the California growers of this superb new Aster. Finest Mixed, all colors. Pkt. 15c., $\frac{1}{8}$ oz. 60c., $\frac{1}{4}$ oz. \$1.

Ball's White (Florist's White Aster)

A large, white Aster that has been quite popular with the florists. Its flowers are supposed to be so full double that the petals appear to be heaped on top of each other. The stems are stiff and non-lateral, and the season the same as Late Branching. Pkt. 15 cts., $\frac{1}{8}$ oz. 60 cts., $\frac{1}{4}$ oz. \$1.

Crimson Giant (A Dark Crimson Aster)

This is a striking color, brilliant crimson which goes well with the massiveness of the well-formed flowers. The blooms are carried on fine long stems and make excellent cut-flowers. Produces a wealth of fine blooms. Pkt. 10 cts., $\frac{1}{8}$ oz. 30 cts., $\frac{1}{4}$ oz. 50 cts., $\frac{1}{2}$ oz. 85 cts.

Moreton Pink

The only Aster of this color—a rich, clear, cerise-pink that is most attractive. The flowers are large, full, double, with long twisted petals. The plant is of a branching habit with good clean stems, free from the small side blooms. It is invariably declared to be the prettiest Aster ever seen. Pkt. 10 cts., $\frac{1}{8}$ oz. 30 cts., $\frac{1}{4}$ oz. 50 cts.



Heart of France

A Pure Red Aster

This beautiful new variety opens as red as the purest ruby, deepens with age and retains its remarkable color to the very end. The petals appear strikingly changeable, at one time showing a glow and sheen quite unique, and at another a soft, warm, velvety texture. Its flowers command instant admiration and the plants are of the branching type, of very robust habit. $1\frac{1}{2}$ to 2 feet tall. The stems are long with few laterals. Pkt. 15 cts., $\frac{1}{8}$ oz. 60 cts., $\frac{1}{4}$ oz. \$1.



Moreton Pink

COLLECTION OF THE FIVE AMERICAN ASTERS

One packet each of the 5 splendid sorts described above—a really fine collection—for only 50 cts., postpaid



African Golden Daisy

African Golden Daisy (*Dimorphotheca aurantiaca*)

An extremely showy annual Daisy from South Africa, which suits our climatic conditions perfectly. The bushy plant grows 12 to 15 inches high, and the flowers, which are $2\frac{1}{2}$ inches across, are a rich glossy orange-yellow, with dark disc and halo. Blooms continuously. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts.

Ageratum

This thrifty annual, sometimes called "Floss Flower," is splendid for low borders and edging.

Blue Perfection. Valued for its pretty, deep lavender-blue flowers which are borne in great profusion. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

Alyssum

One of the most popular garden flowers, remaining in bloom the entire season. Used for edging or in rockeries or vases.

White Carpet. Dwarf, compact plants, densely covered with large, pure white flowers. Height, 4 inches. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Sweet. The popular old-fashioned sort, the best for broad edges and vases; pure white. Height, 6 inches. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts., oz. 40 cts.



Alyssum, White Carpet

Annual Mallow

(*Lavatera trimestris*)

A very beautiful and showy annual, growing about 2 feet high, with large, cup-shaped, shrimp-pink flowers which produce a very bright effect in a border or bed. Sow in May where they are to bloom and thin out to 1 foot apart. Pkt. 10 cts., $\frac{1}{4}$ oz. 25c.

Gypsophila (Baby's Breath)

Annuals and early-flowering perennials, bearing graceful panicles of small flowers that are elegant for cutting and for bunching with other flowers.

Elegans alba grandiflora. An improved form of the annual Baby's Breath. Pure white, large flowers. Pkt. 5 cts., oz. 25 cts.

Paniculata. H.P. White flowers, fine for bouquets; hardy perennials. Blooms first year if sown early. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts.



Bachelor's Buttons, or Cornflowers

Bachelor's Buttons, or Cornflowers (*Centaurea cyanus*)

The new double Cornflowers, or Bachelor's Buttons, make most excellent and satisfactory flowers for both the bouquet and garden, blossoming profusely until snow flies. The flowers are double, of good clear colors, and with long, graceful stems for cutting. It is one of the easiest and best annuals to raise.

Double Blue. Clear cornflower-blue, same color as the single blue. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Double, Mixed Colors. All colors and beautiful shades. Pkt. 10 cts. $\frac{1}{4}$ oz. 15 cts.

Balloon Vine, or Love-in-a-Puff

A rapid-growing climber with white flowers and seed-pods that are shaped like miniature balloons. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

Balsam · Lady's Slipper

An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliantly colored, double flowers in the greatest profusion; of easy culture. Choice mixed colors, pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

Blanket Flower · Gaillardia HP

The heads of star-shaped, tufted flowers are greatly admired for their rich blending of red, yellow, and orange. Height, $1\frac{1}{2}$ feet. Pkt. 10c., 3 for 25c.

Annual Varieties, Mixed. Pkt. 10c. 3 for 25c.



California Poppies

California Poppy · Eschscholtzia

Eschscholtzias are among our most beautiful and popular annuals, being of the easiest culture. Spring-sown seeds flower profusely from July until late autumn. An invaluable bedding plant. Sow the seed where the plants are to remain. Height 1 ft.

New Hybrid, Mixed. This mixture has been saved from a number of new sorts of wonderful colorings, including old-gold, fire-red, cream, and many other rich and unusual tones. Pkt. 10 cts., $\frac{1}{8}$ oz. 20 cts., $\frac{1}{4}$ oz. 30 cts., oz. \$1.

Aurantiaca. Rich golden orange. This is the true California Poppy that the tourists rave so much about. It is, perhaps, the most desirable where one color is desired. Pkt. 10 cts., $\frac{1}{8}$ oz. 20 cts., $\frac{1}{4}$ oz. 30 cts., oz. \$1.

Cardinal Climber

(*Ipomœa quamoclit hybrida*)

A brilliant and beautiful climber, growing rapidly and attaining a height of 30 feet. Foliage fern-like; flowers cardinal-red, $1\frac{1}{2}$ inches across, borne in clusters and produced in great profusion from mid-summer until frost. The seed should be started indoors, but may be sown in the open in late May. Soaking the seed or notching the seed-coat will hasten germination. Pkt. 10 cts., 3 pkts. 25 cts., $\frac{1}{8}$ oz. 50 cts.



Calendulas

Calendula · Pot Marigold

This is the "Marygold" of Shakespeare's "time, one of the best and showiest free-flowering" hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, particularly bright in late fall, continuing to bloom from early summer until killed by frost.

Orange King. An extra-fine strain of this splendid double rich orange-red variety, producing flowers over 3 inches in diameter. Pkt. 10c., $\frac{1}{4}$ oz. 20c.

Mixed, all Double Sorts. Pkt. 10 cts., $\frac{1}{4}$ oz. 15 cts.



Coreopsis grandiflora



Giant Hyacinth-flowered Candytuft

Chinese Woolflower

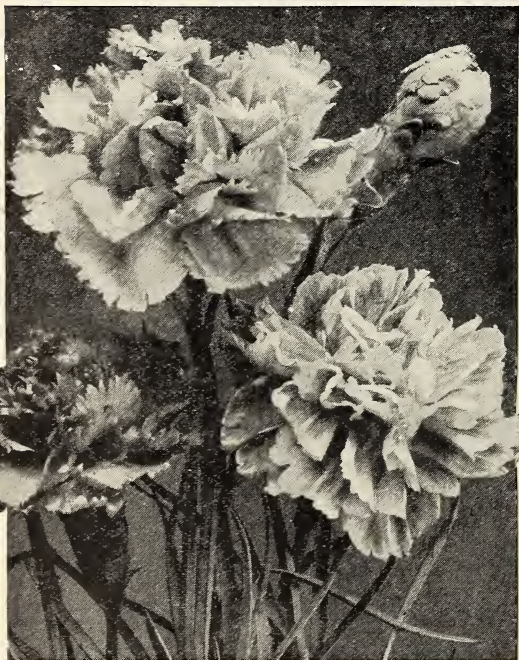
(*Celosia Childsi*)

This remarkable *Celosia* has plants 2 to 3 feet in height and very bushy, each branch terminating in an immense, roundish flower-head of deep rich crimson, and having, in addition, numerous laterals with smaller heads of bloom, the whole forming an extremely ornamental object. None of the blooms fade in any way until hit by frost. Pkt. 10 cts., 3 pkts. for 25 cts.

Marguerite Carnation HP

An improved, large-flowering strain of "Pinks," blooming in three to four months after sowing. The flowers are very fragrant, and last for a long time when cut. **Mixed Colors**, pkt. 10 cts., 1/4oz. 40 cts.

All Flower Seeds sent postpaid direct to your door



Marguerite Carnations

Candytuft

A very hardy, easily grown little annual that is a universal favorite for beds and masses. Successive sowings should be made during the summer, while the last sowing in the autumn will produce flowers early in the spring. Height, 1 foot. One packet will sow 15 feet.

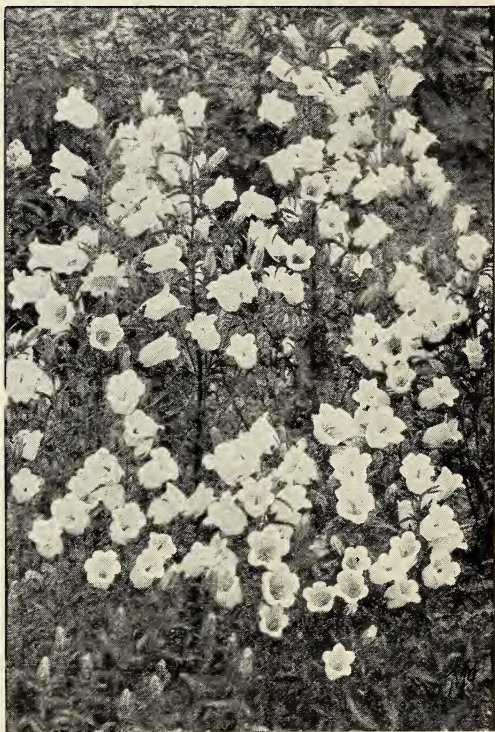
Giant Hyacinth-flowered, or Improved Empress. The finest of all white varieties. The long, heavy spikes of large flowers resemble a white hyacinth. Pkt. 10 cts., 1/4oz. 20 cts., oz. 60 cts.

Mixed Colors. A special mixture we make up of a number of separate colors, assuring a well-balanced assortment. Pkt. 10 cts., oz. 25 cts.

Canterbury Bells HP

The Campanulas, or Canterbury Bells, produce their best crop of flowers the second season. Sow the seed any time from early June to August, and protect the plants with straw or leaves over winter.

Single Varieties, Mixed Colors. The true "Canterbury Bells." White, Pink, and Blue. Pkt. 10 cts., 1/2oz. 30 cts., oz. 50 cts.



Canterbury Bells

Castor-Oil Bean · Ricinus

Plants of stately growth and picturesque foliage, combined with brilliant colored fruit, producing an oriental effect. Fine for lawns and pleasure-grounds.

Zanzibariensis. A distinct class which surpasses in size and beauty all varieties. The ornamental leaves, beautifully lobed, are 2 1/2 to 4 feet across. Height, 12 feet. Pkt. 10 cts., oz. 20 cts.

Mixed. All sorts. Pkt. 10 cts., oz. 20 cts.

Annual Calliopsis

Produces flowers in nearly every shade of yellow, orange, crimson, red and brown. It is one of those flowers which will grow in any situation and always be admired. Sow where they are to remain, and thin to 1 foot apart.

Fine Mixed Colors. Pkt. 5 cts., $\frac{1}{2}$ oz. 20 cts.

Golden Wave. Bright golden yellow flowers, 2 inches across, each distinctly marked with dark brown center. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts.

Hardy Coreopsis HP

Lanceolata grandiflora. Beautiful hardy perennials that grow 15 to 18 inches high and produce their golden yellow flowers in great profusion. Easily grown from seed, flowering the first year if sown early. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts. See illustration page 27.

Columbine · Aquilegia HP

One of the most popular perennials, easy of cultivation and flowering from May to August. Very desirable for herbaceous borders and groups among shrubbery. **Single Finest Mixed**, pkt. 10 cts., 3 pkts. 25 cts.

Cosmos

No other tall annual is so graceful or so useful as the Cosmos. The extra-early sorts bloom early and are most satisfactory because of their long season of bloom.

Extra-Early Giant Mixed. Seed sown in the open ground early will produce plants completely covered with fine flowers two months before the late-flowering kinds. While the flowers are not so large as the late sorts, they are of good size and will undoubtedly perfect their blooms in the most northerly states. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts., oz. 60 cts.

Autumn Giant, Mixed. The flowers of this improved Cosmos grow very large, often measuring 3 inches in diameter, and are of the most delicate colors, shading from pure white to deep red and purple. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts., oz. 60 cts.



Chinese Lantern Plant
(*Physalis francheti*)

A very highly interesting annual plant growing 2 feet high, covered with bright orange-scarlet fruits resembling Chinese lanterns. These fruits may be cut and dried for winter bouquets. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts., $\frac{1}{2}$ oz. 90 cts.



Double and Single Dianthus, or Pinks

Cypress Vine

A very graceful, annual climber, with feathery foliage and beautiful star-like flowers. Pkt. 10 cts.

Delphinium · Hardy Larkspur HP

One of our most showy and useful hardy perennial plants, possessing almost every requisite for the adornment of the garden, producing splendid spikes of flowers in profusion throughout the summer.

Belladonna. This is one of the most free and continuous blooming varieties. Immense spikes of lovely pale blue. Height, 4 feet. Pkt. 20 cts.

Formosum. Brilliant blue, white center; especially fine. Height, 3 feet. Pkt. 15 cts.

Dianthus, or Pinks

A most satisfactory class of flowers, easily raised from seed, and which are in constant bloom the entire season; fragrant.

Heddewigii (Single Japan Pink). Finest single-flowered. **Mixed**, pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Heddewigii fl.-pl. (Double Japan Pink). Colors varying from the richest crimson to the most delicate rose. **Mixed**, pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

English Daisy · Bellis perennis HP

Dwarf, early spring-blooming favorites; very double. Fine for borders, requiring partial shade in hot weather. Height, 4 inches.

Finest Mixed. Extra. Pkt. 10 cts., $\frac{1}{4}$ oz. \$1.25.

Longfellow. Bright rose. Pkt. 15 cts., $\frac{1}{4}$ oz. \$1.50.

Snowball. Pure white. Pkt. 15 cts., $\frac{1}{4}$ oz. \$1.50.

ESCHSCHOLTZIA. See California Poppy.

GARDEN GUIDE.—A book for gardeners everywhere, giving direct, simple and reliable information on how to grow fruit, vegetables and flowers. Illustrated. 384 pages, cloth cover. \$1.65 prepaid.



Single Hollyhocks

Forget-Me-Not HP (*Myosotis palustris*)

Neat and beautiful little plants with star-like flowers; succeed best in a shady situation. Half-hardy perennials, blooming the first year from seed. Height, 6 inches. Pkt. 10 cts.



Foxglove

Four o'Clock (*Marvel of Peru*)

A well-known garden favorite of bushy habit bearing, during the season, hundreds of White, Yellow, Crimson, and Violet flowers. Height, 2 feet. **Fine Mixed**, pkt. 10 cts., oz. 20 cts.

Foxglove HP (*Digitalis*)

Handsome and highly ornamental, hardy perennial plant, of stately growth and varied colors. Height, 3 feet. **Fine Mixed**, pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

GAILLARDIA. See Blanket Flower.

Gourds

Ornamental Varieties, Mixed. Includes a great number of interesting and diverse forms of the Gourd family. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

GYPSOPHILA. See Baby's Breath.

HELIANTHUS. See Sunflower.

HELICHRYSUM. See Strawflower.

Hollyhock

Chater's Superb Double Mixed. One of the most popular and desirable of hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers. Height, 6 to 7 feet. Pkt. 10 cts., 3 pkts. 25 cts.

Single Mixed. Probably the most showy of the many good old-fashioned flowers. See illustration. Pkt. 10 cts., $\frac{1}{4}$ oz. 15 cts.

Hyacinth Bean · Dolichos

Rapid-growing climber, bearing a profusion of bean-like flowers. **Choice Mixed Colors**, pkt. 10 cts., oz. 15 cts.

KOCHIA. See Mexican Fire Bush.



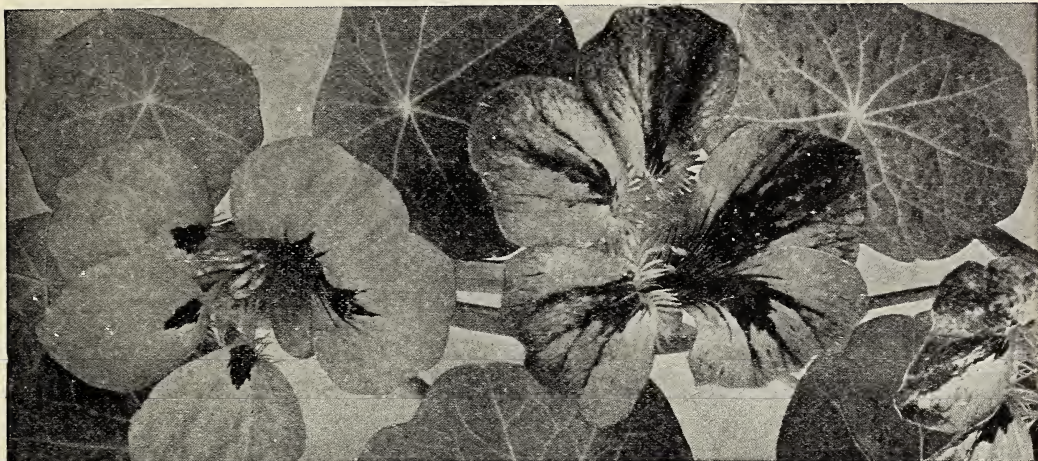
Annual Larkspur

Annual Larkspur · Delphinium

The annual forms of Larkspur with their long, graceful spikes of bloom are valuable for borders and planting among shrubs. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts.

LAVATERA. See Annual Mallow.

We appreciate the many kind letters from customers commending our flower seeds



Nasturtiums, Gilt-Edge Mixture

Lupinus

Lupines are showy plants, a little out of the ordinary, with handsome, conspicuous flowers, borne in terminal racemes, somewhat resembling the Sweet Pea. Used extensively for bedding. Do not attempt to transplant the annual sorts.

Annual, Finest Mixed. 2 ft. Pkt. 10 cts., oz. 50 cts.

Perennial, Finest Mixed. Various shades of Pink, Purple, Blue, and White. If sown early will bloom the first season. 3 ft. Pkt. 10 cts., ½ oz. 30 cts.

Marigold

Old-fashioned annuals, rich and showy, blooming continually all summer; excellent for bouquets and a beautiful garden plant. The tall African varieties are best for garden and cutting.

Giant African, Double. Height, 3 feet. Finest Mixed. Pkt. 10 cts., ¼ oz. 25 cts.

Legion of Honor (Little Brownie). A single-flowering French Marigold, forming compact bushes 9 inches high. Flowers early, commencing in June and continuing until frost. The flowers are golden yellow, marked with a large spot of velvety crimson at the base of each petal. Pkt. 10 cts., ¼ oz. 25 cts.

Mexican Fire Bush, or Summer Cypress · Kochia

An easily grown annual which grows into a cypress-like hedge, with feathery green foliage. At the approach of autumn the foliage turns to a deep red color. Height, 2 to 3 feet. Pkt. 10 cts., oz. 15 cts.

Morning-Glories

Fine for covering fences and trellises on account of their rapid, luxuriant growth. They bloom freely all summer. (See illustration.)

Choice Mixed Colors. Pkt. 10 cts., oz. 15 cts.

Japanese Imperial. Flowers of immense size in a great variety of colors. Pkt. 10 cts., ½ oz. 15 cts.

Nasturtiums

Our Gilt-Edge Mixtures are especially rich in brilliant colors, large flowers and free-blooming qualities. For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil in a well-drained, sunny position. They seem to flourish under the most trying conditions, and the more often the flowers are cut, the more profusely do they bloom. If you want large flowers and plenty of them, do not let them go to seed.

Tall or Climbing, Choicest Mixed Varieties.
Tom Thumb Dwarf, Choice Mixed Colors.

½ oz. 10 cts., oz. 15 cts., 3 ozs. 35 cts., lb. \$1.25

Mignonette, Sweet-scented

Valuable on account of its fragrance. Sow in succession during the summer. Pkt. 10 cts., oz. 15 cts.



Morning-Glories

Pansies

Large-flowering Mixed. A great diversity of colors. Pkt. 10 cts., 3 pkts. for 25 cts.

Orchid-flowered, Mixed. Delicate light colors. Pkt. 15 cts., $\frac{1}{8}$ oz. 40 cts., $\frac{1}{4}$ oz. 60 cts., $\frac{1}{2}$ oz. \$1.

Giant-flowering Mixed. This mixture is composed of giant-flowering sorts having many of the colors and different patterns found in the named varieties both as regards to size, texture and colorings. Pkt. 15 cts., $\frac{1}{8}$ oz. 40 cts.

Mammoth Five-blocthed Mixed. Prepared from named varieties comprising the most magnificent colors. Pkt. 25 cts., $\frac{1}{8}$ oz. 75 cts., $\frac{1}{2}$ oz. \$1.50, $\frac{1}{4}$ oz. \$3.

Petunias

Giants of California

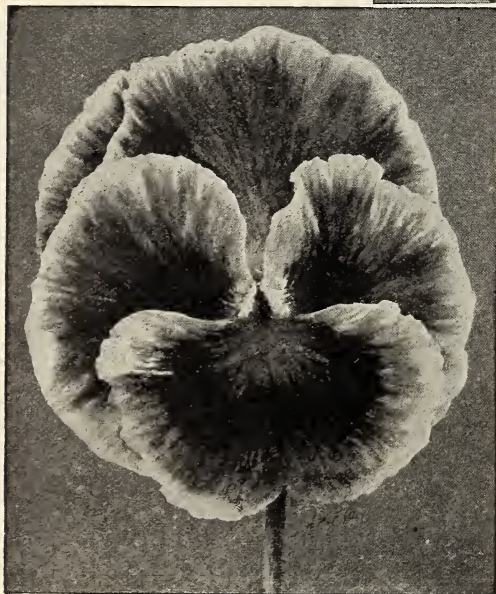
Giant-flowered Ruffled Varieties. Vigorous growers of semi-trailing habit, with flowers which often measure 4 inches across. Many light shades, mostly with blotches and pencil-markings of a different color in the throat. A superb strain. Pkt. 25 cts.

Balcony Petunias

These large and beautiful Petunias were bred to produce a wealth of bloom when grown in porch- or window-boxes, or garden vases; when grown in beds or borders they produce pleasing, striking effects.



Petunias



Giant-flowering Pansy

Balcony Petunias, continued

Balcony Blue. Velvety indigo-blue. Pkt. 15 cts.

Balcony Rose. Brilliant rose-pink; very effective. Pkt. 15 cts.

Balcony White. The pure white form. Pkt. 15 cts.

Balcony Crimson. Rich velvety crimson. Pkt. 15 cts.

Choicest Mixed. Pkt. 15 cts., $\frac{1}{8}$ oz. 75 cts.

One pkt. each of above 4 Balcony Petunias for 50 cts.

Rosy Morn. The flowers are of the most pleasing shade of light carmine-pink. This is the popular Petunia so much used in porch-boxes and borders. 6 to 8 inches. Pkt. 10 cts., $\frac{1}{8}$ oz. 60 cts.

Single Petunias

Everyone has room for some Petunias, either in porch or window-boxes, beds, borders or rockeries. Sowing the seed early in the house or hotbed will give you a wonderful display of bloom the entire season.

Choice Mixed Colors. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts.



Phlox Drummondii with Delphinium in background

Phlox Drummondii

One of our finest hardy annuals, easily grown from seed; makes a brilliant display as a summer bedding plant. **Mixed Colors**, pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts.

Annual Poppy

American Legion. A greatly improved English Scarlet or Flanders Poppy with very large flowers of dazzling orange-scarlet. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

Carnation-flowered. Double fringed. Mixed colors, pkt. 10 cts., $\frac{1}{4}$ oz. 15 cts.

Shirley. An improved strain of Poppies, varying in color from pure white to rosy carmine and deep crimson in mixture. Mixed colors, pkt. 10 cts., $\frac{1}{8}$ oz. 15 cts., $\frac{1}{4}$ oz. 25 cts.

Oriental Poppy HP

(*Papaver orientale*)

The big, bright scarlet, Decoration Day Poppy. A hardy perennial form bearing immense single flowers in spring. It should be in every garden. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts.



Shirley Poppies

You can't go on growing crops year in and year out unless you put back into the soil the plant food elements removed by each season's crops.

SACCO PLANT-FOOD MAKES THINGS GROW

Clean, Odorless, Easy to Apply

Sacco Plant-Food is a specially prepared fertilizer that supplies every necessary element for healthy plant-growth—Nitrogen, Phosphates, and Potash combined in exactly the right proportions. It produces truly amazing results with few applications. See page 48 for prices, etc.

Now please consider quality first in buying for your garden—the best is none too good for our customers



Edging of Portulacas with Zinnias in background

Portulaca

Dwarf-growing plants of easy culture, thriving best in a light, sandy soil and a sunny situation. **Single Mixed**, pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Salvia · Scarlet Sage

This popular and showy bedding plant should be started either in the house or in hotbeds.

Bonfire. Compact, bushy plants, 2 feet high, producing erect spikes of brilliant scarlet flowers. Pkt. 10 cts., $\frac{1}{8}$ oz. 50 cts.

Splendens. Tall-growing plants. Height, 3 feet. Pkt. 10 cts., $\frac{1}{4}$ oz. 60 cts., oz. \$2.

Scarlet Runner Bean

A rapid climber, 10 to 15 feet high, flowering profusely. Pkt. 5 cts., oz. 10 cts., 3 ozs. 25 cts.

Shasta Daisy, Alaska HP

For a midsummer white we know of nothing that is really more satisfactory than the Shasta Daisy. It makes a splendid showing as a border and is almost unsurpassed for cutting. Alaska is a very large-flowering strain, the blooms measuring 4 to 5 inches across, with broad overlapping petals of purest white. Easily grown from seed sown in the open ground. One packet sows 12 feet of row. Pkt. 15 cts., $\frac{1}{8}$ oz. 50 cts.

Feed Your Lawn and Garden Fertilizers. Make Them Grow

A rich, velvety lawn, beautiful flowers and shrubbery, and a generous productive garden is the pride of every home-lover. Growing plants are continually using up the food elements from the soil. To have vigorous, healthy plants, these food elements must be provided for in abundance. The various fertilizers listed in this catalogue on pages 48 and 49 will supply the soil with this necessary plant-food and aid in the producing of healthy, vigorous growth.

A Little Book of Annuals HOTTES

A handsome, freely illustrated book of 128 pages that is sure to make a host of friends among flower lovers, and bring to many another a yearning to know flowers better. Reliable information is given to aid the amateur without being dull reading for the more experienced. The best thing along this line to come to our attention. Postpaid, paper, \$1.10; cloth, \$1.65.

Snow-on-the-Mountain

(*Euphorbia variegata*)

A bushy plant with insignificant flowers, but whose broad green leaves are heavily margined with silvery white. Much used in mixed borders and as a background for lower growing plants. Height, 2 feet. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

Nearly all of our flower and vegetable seeds are priced at 10c. Select any 6 for 50c.; 5-ct. pkts., 6 for 25c.



Giant Snapdragons

Giant Snapdragon · Antirrhinum

Few flowers equal the Snapdragons for brilliancy of color, and because of this they are among our most showy and useful border plants. The new varieties are so far superior to the old-time Snapdragon that really there is no comparison. The blooms are very much larger, are better shaped, and far more brilliantly colored. The plants bloom very freely over a long period and are of extreme easy culture.

Giants, Special Mixture. Embraces a magnificent assortment of the finest new varieties. Pkt. 10 cts., 3 pkts. for 25 cts., $\frac{1}{8}$ oz. 35 cts.

Scabiosa, or Mourning Bride*(Pin-cushion Flower)*

These beautiful hardy annuals are in great demand. They grow about 2½ feet high and bloom from early in July without interruption until cut down by the frost. As a flower for cutting they are much in demand. The various shades are very charming. **Improved Large-flowering, Mixed**, pkt. 10 cts., ¼oz. 20 cts., oz. 60 cts.

*Helichrysum (Strawflower)***Strawflower, or Everlasting Flower***(Helichrysum)*

Much prized for durable bouquets and winter decoration. To dry, gather flowers when partly unfolded and hang, heads down, in a cool place.

Fireball. Bright red. **Golden Ball.** Golden yellow. **Rose-Carmine.** Rich and glossy. Each, pkt. 10 cts., ¼oz. 30 cts.

Giant flowering, Mixed. This mixture includes all the desirable colors named above. Pkt. 10 cts., ¼ oz. 20 cts.

Sweet-Scented or Flowering Tobacco · Nicotiana

Pure white, long, tube-shaped flowers, borne in clusters, opening toward evening and emitting a powerful and pleasant odor. Very showy. Pkt. 10c.

*Scabiosa, or Mourning Bride***Sunflower · Helianthus**

Double Chrysanthemum-flowered. Rich, golden yellow flowers, perfectly double, resembling a chrysanthemum or dahlia. Height, 6 feet. Pkt. 10 cts., oz. 35 cts.

Mammoth Russian. Single flowers of gigantic size. Pkt. 5 cts., oz. 10 cts.



Make a border of Double Sunflowers

"An ounce of prevention is worth a pound of cure" applies to the use of insecticides. Get the bugs before they get your plants. See page 50.

Velvet Flower (*Salpiglossis*)

Large-Flowering *Salpiglossis* (*Painted Tongue* or *Velvet Flower*)

A free-flowering annual, succeeding best in cool, moist soils. The large flowers borne by plants of our mixture are most vividly spotted and striped on ground colors of deep blue, rose, velvety yellow and reddish bronze. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

Sweet William (*Dianthus barbatus*) HP

These make wonderful border plants, with heads of bloom of great size and wonderful beauty. If given proper care, the plants will last many years although they may be easily raised from seed each season. Our mixture combines many rich and beautiful colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts.

Wild Flower Garden

A most interesting way in which to grow annual flowers is to reserve a portion of the garden for a Wild Flower Garden and sow mixed seed thickly in it. For this purpose we offer a collection of easily grown Annuals which will furnish a profusion of bloom throughout the season, without the attention necessary for more formal plantings. This mixture is valuable for sowing in bare spots, along fences and on embankments and will convert many an unsightly spot into a place of beauty. Large pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

Verbena

An excellent annual for beds and massing, and for a gorgeous display during the summer months it cannot be excelled. **Mammoth Mixed**, pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts.

Double Dahlia-Flowered Zinnias

This type, the latest development in Zinnias, bears flowers of mammoth size and in form like a perfect decorative Dahlia. As the result of continued painstaking care and selection, the size, form, and coloring have been much improved and we now offer six beautiful and distinct varieties, as shown in colors on fourth cover page.

- No. 1. **Exquisite.** Pale rose, deeper center.
 - No. 2. **Purple Prince.** Fine deep purple.
 - No. 3. **Crimson Monarch.** Largest and best red.
 - No. 4. **Canary Bird.** Fine; large; primrose.
 - No. 5. **Oriole.** Immense; orange and gold.
 - No. 6. **Meteor.** Deep rich glowing red.
- Polar Bear.** The best large pure white. (Not shown on plate.)

Each, pkt. 20 cts., 3 pkts. 50 cts., 6 pkts. 90 cts., 7 pkts. \$1, $\frac{1}{8}$ oz. 65 cts., $\frac{1}{4}$ oz. \$1.20

Dahlia-Flowered Mixed, from the varieties named above. Pkt. 20 cts., $\frac{1}{8}$ oz. 50 cts.

Giant-flowering Mixed. A giant form of the old-style Zinnia with flowers 4 to 5 inches across, very double, and in exceedingly brilliant colors. The $2\frac{1}{2}$ -foot plants carry a load of blooms which for size, beauty, and range of color cannot be excelled. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts., $\frac{1}{4}$ oz. 40 cts., oz. \$1.25.

Giant-flowering Scarlet. Brilliant scarlet. Fine for bedding. Pkt. 10 cts., $\frac{1}{8}$ oz. 30 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.50.



Giant-flowering Zinnia

We sell only the best grade of seed, tested for purity and vitality—put up in liberal quantity in beautiful colored lithograph packets with reliable directions for culture. †Select any 10-cent packets, 6 for 50 cts.; 5-cent packets, 6 for 25 cts.

Spencer or Orchid-flowered Sweet Peas

The best of the old-fashioned or Grandiflora varieties are now quite overshadowed by this wonderful type, which are quite distinct, having large, round, open flowers of extraordinary size, usually measuring 2 inches across, with wavy standards and wide-spreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting. All the sorts offered below have been thoroughly tested and are very superior in every respect.

Austin Frederick. A giant-flowered lavender.

Blanche Ferry Spencer. Apple-blossom-pink.

Charity. Deep rich crimson; best of its color.

Constance Hinton. The largest and finest white.

Dobbies' Cream. The finest primrose-yellow.

Elfrida Pearson. This is the finest light pink.

*Inoculate seed
with
Nod-O-Gen*

*Spraying vines
with Black-Leaf
40 insures suc-
cess with Sweet
Peas.*

George Herbert. Fine rosy carmine.

Hawthorn Pink. Rose-pink shaded salmon.

Hercules. A lively rose-pink, large in size.

Majestic Cream. The newest and best primrose.

Margaret Atlee. Apricot-pink on a cream ground.

Picture. Flesh-pink, suffused apricot.

Royal Scot. The finest brilliant scarlet.

Royal Purple. Rich royal purple. Most distinct.

Tangerine Improved. A wonderful glowing orange.

Wedgwood. Wedgwood or silvery blue.

Prices of the above carefully selected varieties, large pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts.; the complete collection, 16 named varieties for \$1, all postpaid.

It requires one ounce of Sweet Peas to sow 10 ft. of single row

New Early-flowering Spencer Sweet Peas

In response to numerous inquiries from the commercial growers, who appreciate their value under glass, as well as the amateur who desires them for outdoor culture, we submit the following as being the best Sweet Peas in their range of color and high quality.

All White. Largest pure white.

Amethyst. Best royal purple.

Aviator. Dazzling crimson-scarlet.

Fair Maid. The best blush-pink.

Glitters. Large glittering fiery orange.

Rose Dore. Rose-pink, suffused orange.

Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.40

Collection: One pkt, each of above 6 varieties, 50 cts., postpaid

Early-Flowering Spencer Mixture.

Pkt. 10 cts., oz. 35 cts., 2 ozs. 60 cts., $\frac{1}{4}$ lb. \$1, postpaid.

Spencer Mixture

Blended from only the Giant Waved Spencer varieties. We are sure this mixture will give absolute satisfaction. Large pkt. 10 cts., oz. 20 cts., 2 ozs. 35 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2, postpaid.

Gilt-Edge Mixture

Our customers sometimes prefer a mixture where all classes are represented. Large pkt. 10 cts., oz. 15 cts., 3 ozs. 35c., lb. \$1, postpaid.

Our seeds are put up in liberal size, colored lithographed packets, with careful cultural directions on each packet.



Giant Spencer or Orchid-flowering Sweet Peas. Wonderful large flowers on long stiff stems

Chaapel's Select Gladiolus

In this collection we offer many of the rarer sorts, the ones that are strong growers, free bloomers, and that give satisfaction. Our bulbs are clean, free from disease, and will be an ornament to any garden and at prices so reasonable that they should be planted in quantity.

AFTERGLOW. One of the most beautiful scarlet colors in existence.

CATHERINA. Wonderful grayish light blue flowers, lower petals a little deeper blue with brownish red spot.

CHATEAU THIERRY. Orange-cerise with yellow bordered red blotch on lower petals; tall spike with wide open, well formed flowers.

BARON HULOT. Dark violet-blue flowers of medium size on good, straight spikes.

CRIMSON GLOW. A perfect scarlet of a deep type. Large open flowers, well placed on a tall spike.

ELORA. An extremely fine, large, tall grower, with creamy white flowers, and a rich crimson throat.

EMPRESS OF INDIA. A distinct shade of deep purplish red; large flowers; strong grower.

FLORA. Beautiful, large, pure golden yellow flowers and lots of them. Strong grower.

ODIN. A little deeper salmon than Prince of Wales, with larger flowers and small deep red spot on lower petals. A very early, exquisite variety.

PINK PERFECTION. A lovely apple-blossom-pink, with a few darker markings. A great flower on a tall spike, perfect in every detail.

PRINCE OF WALES. An early-flowering sort with fine spikes of large flowers of delicate apricot-pink, suffused salmon.

WHITE CITY. Spikes 5 to 6 feet tall, with very large, almost pure white flowers. Grand for cut-flowers.

PRICES. Regardless of what others charge, we offer this specially prepared list of large No. 1 clean and healthy bulbs as follows: 10 cts. each, 3 for 25 cts., 95 cts. per doz., \$7.50 per 100.

Select Mixture of above varieties, our selection, 6 for 45 cts., 90 cts. per doz., \$7.25 per 100.

Primulinus Hybrids

The "Butterfly" Gladiolus

A new small-flowered type; free, continuous bloomers, running from light yellow to orange-saffron, apple-blossom-pink and other butterfly shades.

ALICE TIPLADY. Orange-saffron; flowers unusually large for the class, and beautifully ruffled.

MAIDEN'S BLUSH. Large; apple-blossom-pink; earliest of all. A splendid grower.

SOUVENIR. Very graceful flowers of the finest yellow. Very free flowering.

Any variety, 10 cts. each, \$1 per doz., \$7.50 per 100
Special offer of one each of the above (15) named kinds of Select and "Butterfly" Gladiolus for \$1

Butterfly Mixture

A splendid mixture of colors in the older named varieties. 5 cts. each, 50 cts. per doz., \$3.50 per 100.

If bulbs are wanted by parcel post, add 10 cents extra for the first dozen and 1 cent extra for each additional dozen.

Two New Distinct Glad-Flowers

BLUE BIRD. A truly remarkable Gladiolus. The newest and best blue, and the most sensational novelty of recent years. Deep velvety purple-violet. Almost twice the size of Baron Hulot. Also known as "Duchess of York." Supply very limited. 25 cts. each, \$2.50 per doz.

PINK WONDER. La France pink shading to pale pink in the throat with yellow reflex at the base of the lower petals; immensely large wide open flowers on strong stem, a real beauty. 20 cts. each, \$2 per doz.

One of each for 40 cts.



Primulinus Hybrids. The "Butterfly" Gladiolus



MRS. FRANK PENDLETON. Illustrated above. Salmon-pink which extends to reverse side of the petals as well as in the center, with a rich, deep maroon blotch on the three lower petals. Flowers are wide open and well placed on strong spikes. A variety that has become very popular since its introduction some years ago and now can be obtained at a more moderate price. 10 cts. each, \$1 per doz., \$7.50 per 100.

If bulbs are wanted by parcel post add 10 cents extra for the first dozen and 1 cent extra for each additional dozen.

**NO FLOWER IS EASIER
TO GROW THAN THE**

GLADIOLUS

The most attractive of all summer-flowering bulbs is the Gladiolus. Wonderful improvements have been made in recent years in the size and beauty of these flowers, and our mixture comprises only the best. Their cultivation is very simple, as they will thrive in any ordinary garden soil, but amply repay care and liberal feeding by enhanced size and beauty. A succession of bloom may be had from July to October by planting at intervals from April to June. The strongest bulbs should be kept for the latest planting. Plant 6 inches apart in beds or double rows and 3 inches deep. They are very effective when planted among roses, peonies, shrubbery, etc.

Popular Standard Gladiolus

This superb list of reliable sorts includes many new and standard kinds, embracing the greatest possible range of color. All large-blooming bulbs.

Anna Eberius. Dark velvety purple, throat deeper shade; very large flowers on tall, fine spikes. A very fine variety in an unusual color.

E. J. Shaylor. Ruffled; rose-pink, tall; many flowers; good keeper.

Gretchen Zang. Beautiful soft pink shading to geranium pink at the edges of the petals, tall graceful spike.

Halley. Delicate flesh-color with creamy blotch in lower petal; flowers very large.

Herada. Clear mauve, shaded deeper in the center; large flowers.

Kunderdi Glory. Creamy apricot, tinted light pink, suffused with red on lower petals.

Mrs. Francis King. A striking shade of light scarlet or flame-color; one of the most effective both in the border and when cut.

Niagara. Soft primrose, faint lines of lilac in the throat, with purple stamens and pale carmine stigmas.

Panama. Similar in type to America, but of a deeper shade of pure rose-pink.

Peace. The general effect of the flower is white, with a pale lilac feathering on the interior petals.

Red Canna. A flower well named, as the beautiful, large scarlet flowers resemble the flowers on the red canna. Tall stems.

1910 Rose. Pure deep rose-pink with white center lines on lower petals.

Yellow Hammer. Pure primrose yellow with slight red mark in throat.

Prices of above varieties: 5 cts. each, 55 cts. per doz., \$4.50 per 100

Popular Mixture of Gladiolus

Composed of high-grade varieties in mixture. A splendid lot of bulbs at very low prices. 25 cts. for 6, 50 cts. per doz., \$3 per 100.

Clover and Timothy Seed

PRICES ON FARM SEED SUBJECT
TO MARKET CHANGES

A large and increasing proportion of the orders we receive for Timothy and Clover Seed are for our "Globe" and "Pine Tree" brands, because our customers have learned that the best seed is the most economical regardless of the cost. Seed cleaned for our Pine Tree and Globe brands must in every instance come up to a certain standard before it can be sold as such. It has always been our policy to sell goods as advertised, never substituting an inferior grade unless so advised. In this way we have built up our reputation, and our friends have learned that when they order "Pine Tree" and "Globe" brands, they receive them. All our tested farm seeds are sold under the provisions of the Pennsylvania Pure Seed Law.



Medium Red Clover

MEDIUM RED CLOVER. (Domestic-grown.) It always pays to buy the best quality of Clover seed which can be obtained. Lb. 50 cts., bus. (60 lbs.) \$25. Seed very scarce.

GUARANTEED MAMMOTH RED. Pea-vine or Sapling Clover. A large rank-growing Clover producing an enormous yield. It is a valuable plant for our depleted, worn-out hill-tops. **Our stock of this Clover is the genuine Mammoth.**

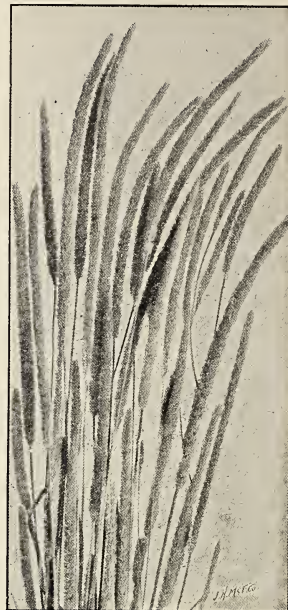
ALSIKE, or SWEDISH. This is one of the hardiest varieties known. It is perennial and does not winter-kill. It will do better on moist land than any other variety of Clover, and is suitable for either hay or pasture. When sown with other grasses, it forms a thick undergrowth and greatly increases the yield. It is frequently sown both with Medium Red and with timothy. Lb. 50 cts., bus. (60 lbs.) \$22.

CRIMSON, or SCARLET. An annual of strong, erect growth. Lb. 25 cts., bus. (60 lbs.) \$10.

ALFALFA. Northwestern-grown Alfalfa produces from 3 to 7 tons of hay to the acre. It has as much protein as wheat-bran. Three hundred and sixty stalks have been grown from 1 seed. It does not exhaust the soil; it enriches the soil. It will grow three to five crops a year. Alfalfa in money value is worth 45 per cent more than other Clovers and 60 per cent more than timothy. Ten milch cows can be fed on less than 2 acres by soiling. Lb. 30c., bus. (60 lbs.) \$15.

Timothy

As a crop for hay, Timothy is probably unsurpassed by any other grass. It should not take an intelligent farmer long to figure the wisdom of investigating his time and money in reliable seed. Lb. 15c., bus. (45 lbs.) \$4.50.



Timothy

Canadian Variegated Certified and Sealed Alfalfa

For the past four or five years, Red Clover has been an uncertain crop, and many farmers are turning to Alfalfa for a hay crop, with excellent results. Alfalfa as a hay crop has double the feeding value of other hays; it produces three to seven tons per acre and grows three to five crops per season.

In the past, some farmers have not succeeded in getting and maintaining a stand of Alfalfa, which was due, we believe, to several reasons, such as a lack of lime in the soil, improperly prepared seed-bed, and the wrong kind of seed. With the increased knowledge we have obtained of and about this important crop during the past few years, these obstacles are, in a measure, overcome.

Canadian Variegated

A very hardy strain of Alfalfa developed in Peel County, Ontario, Canada, a cross between the Grimm and common strains. This seed comes to us field-inspected and certified to be 60 per cent variegated flowered. The root system is between the Grimm and common Alfalfa. It does not spread as much as the Grimm nor does it have the long tap-root of the common. It is recommended by the Canadian and New York state experimental stations for Northern Pennsylvania and New York state. Lb. 40 cts., bus. (60 lbs.) \$17.50.

Grimm Alfalfa THE GENUINE CERTIFIED GRIMM

Our Grimm Alfalfa seed is produced in the northwestern states where the climate is much colder and the winter longer than in the eastern states. It is more hardy than the other strains of Alfalfa; it has a different root system and can be grown on shallower soil. Due to the nature of the root-growth of Grimm Alfalfa, it has a better chance to come through the winter in good shape. Our stock of Grimm Alfalfa seed comes to us from the growers in sealed and certified bags and is guaranteed to be the genuine strain of Grimm Alfalfa. Lb. 60 cts., bus. \$30.

If wanted by Parcel Post, add postage 7 cents for the first pound, and 1 cent for every additional pound, within the First and Second Zones. Seamless 2-bushel bags, used in shipping, 50 cts. each.

Inoculate
Clover and Alfalfa
Seed with
NOD-O-GEN



Sand or Winter Vetch

branches are slender and we think probably it would make the most hay and a little the best quality of any variety. It matures in 125 days. Sow 40 pounds to the acre. Pk. \$1.50, bus. \$5.

The New Albotrea Sweet Clover

H. E. Krueger, Proprietor of the Morning Star Seed Farms, in Wisconsin, writes us as follows: I received my first seed from the Wisconsin Experiment Station 1922 through Prof. R. A. Moore. This variety is here to stay for hay and pasture and in many places will take the place of red clover and alfalfa.

It grows readily on most all soils and good stands can sometimes be secured where red clover and alfalfa fail entirely. After one crop of sweet clover it is easy to get a stand of alfalfa the next year.

Albotrea Sweet Clover blossoms are a beautiful yellow. It grows, with us, 20 to 23 inches high, about like first-crop alfalfa in height and fineness.

It is finer and more leafy than the common, branches more thickly, makes much better hay and excellent cattle and horse pasture. Can be cut in the near-full bloom stage without getting coarse; much easier to cure. It is three weeks earlier than the common. Sow about 25 pounds per acre.

Can be cut with a mower for hay and handled with ordinary haying tools. This is an outstanding feature. Very hardy; originated in Canada; stands the winters and ice well.

I cannot think of any reason for sowing the Common except there isn't Albotrea seed enough to go around. Lb. 30 cts., ppd.; bus. (60 lbs.) \$12.

Perennial White Sweet Clover (*Melilotus alba*)

A legume of immense size and rank growth. It has great value as a soil improver. It furnishes a palatable hay and makes excellent pasture.

Inoculate
this seed with
NOD-O-GEN

Sweet Clover will grow on almost any soil where proper amounts of lime have been applied. Its immense growth (8 to 10 feet), and its ability to gather nitrogen from the air and deposit it in bacterial nodules on the roots, together with the large amounts of humus it supplies to the soil when turned down, makes it an ideal crop to improve good soil and a splendid crop to build up poor land.

Sweet Clover makes a good grade of hay and it will produce a larger tonnage than any other legume crop; it averages two or more cuttings per year. Lime well for Sweet Clover, at least ½ ton Hydrated Lime per acre, or its equivalent. Sow 25 pounds per acre. Lb. 25 cts., ppd.; bus. (60 lbs.) \$10.

Yellow Sweet Clover (*Melilotus officinalis*). This is also a biennial similar to White Blossom Sweet Clover, and used for the same purpose. It has a yellow blossom and is about two weeks earlier and not so tall. It does not grow so heavy and coarse. It lays closer to the ground and is considered superior for pasture and makes a finer grade of hay. For those who do not like the White Sweet Clover on account of its rank growth we would recommend the Yellow Blossom. Lb. 25 cts., ppd.; bus. (60 lbs.) \$10.

Pamphlet on Sweet Clover Free on request.

Sand or Winter Vetch

For forage and fertilizing purposes. It succeeds and produces good crops on poor, sandy soils as well as on good lands, growing to a height of 4 to 5 feet. It is perfectly hardy throughout the United States, remaining green all winter. If sown in the spring it can be sown alone or mixed with oats, spring rye or barley. If sown during August or September, winter rye serves as a good support. The root-growth is very extensive from the beginning, and makes quantities of nitrogen tubercles, thus giving it very valuable fertilizing properties. Grow your nitrogen. Sow thirty to forty pounds to the acre with one-half bushel rye, oats or barley. Lb. 25 cts., bus. \$12. Price subject to change.

Inoculate
this seed with
NOD-O-GEN

Soy Beans

The Great Soil-Improver

Soy Beans can be grown in all parts of the country where dent corn succeeds and on a greater variety of soils than any other legumes

Wilson. This variety in some ways excels all others as a forage crop. The stalks and



Perennial White Sweet Clover

Pasture Mixture of Grasses



For new ground or inaccessible places, such as hillsides that are too steep to work, or back fields where it is desirable to have a permanent pasture, we know of no better nor more profitable use to put these fields than to sow them with our Pasture Mixture.

Chapel's Pasture Mixture is a combination of hardy grasses that will last for years and assure you a constant successive growth of rich pasture from spring until fall. It is composed of such seed as Kentucky Blue Grass, Red Top,

White and Alsike Clover, Meadow Fescue, and Pacey Rye Grass. Sow 30 to 50 pounds per acre. Lb. 35 cts., 100 lbs. \$30.

Canadian Field Peas and Oats FOR FODDER

There is no crop grown on the farm as valuable for summer feeding as Canada Field Peas and Oats, and they are equally valuable in the silo or as hay

It is used both as a green feed and as a fertilizer, and in both places deserves to occupy a very prominent position. As green feed sown with oats or barley early in the spring, it fills a place that no other plant which we have can occupy. The amount of feed produced on an acre is very large. It comes before any other good nutritious feed suitable for hay or soiling. It is greedily eaten by practically all kinds of stock, and is as nourishing as can be desired.

For the Silo. Recent tests, reported by some of the agricultural agents, show that Canada Field Peas and Oats make a very desirable addition to our available crops for silo purposes. Coming on as they do at the time of the year when the silos are empty or partially so, they can be utilized to advantage for these purposes.

These make a fodder and hay which double the production of milk. Pk. \$1.50, bus. (60 lbs.) \$4.25, bag (100 lbs.) \$6.50. Price for larger lots will be quoted by letter at any time.

TO GET BEST RESULTS

Sow in early spring, the earlier the better, about one or two bushels each per acre. Drill the Peas in first, about four (4) inches deep, sow the Oats in the usual manner. Oats should be drilled the opposite way the Peas were drilled for best results. Inoculate this seed with NOD-O-GEN. It insures vigorous growth.

Ready for cutting about the latter end of June. when the Oats are in milk and the pods formed on the Peas. Nutritious and relished by all stock. Choice Northern Grown Seeds, acclimated and tested for germination. Will produce big crops and improve the land.



A field of Sudan Grass ready to cut

Sudan Grass The Most Wonderful Annual Grass Ever Introduced

Sudan Grass can be grown almost anywhere. It seems to be unaffected by temperature and grows as well in a cool climate as a hot one. It requires no special quality of soil—black loam, clay and sandy loams have all produced successful crops. This valuable Grass completely outdistances all competitors in quantity of yield. Three or four cuttings in a single season, each producing from 1½ to 2 tons of hay per acre, can be secured. A very conservative average is 5 tons of hay per acre each season—it should not be planted until all danger of frost is over and the ground thoroughly warm. Can be sown in drills 18 inches apart, using six pounds per acre, or broadcast, using fifteen pounds. Lb. 15 cts., 10 lbs. \$1.25, bus. (40 lbs.) \$4.80.

Improved Dwarf Essex Rape

VALUABLE FEED FOR CATTLE, SHEEP, AND HOGS

A forage plant of great merit, easily grown on any land that will raise turnips or corn, and will furnish abundant supplies of succulent, rich, nutritious pasture at a season when it is most needed. Under ordinary favorable conditions Rape is ready for pasturing sheep or hogs in about six weeks from date of sowing, and on the average an acre will usually carry about ten hogs six to eight weeks.



Dwarf Essex Rape

As a catch crop after small grain or just before corn is laid by, it is the greatest feed that man could provide for; in fact, it will yield more green feed for pasturing purposes than could be raised from any other crop at anything approaching the same cost per acre. It is often sown broadcast, but will yield much better if drilled in rows 22 inches apart, and cultivated until plants are too large. Seed may be sown in May, but we do not advise sowing until June or July.

Dwarf Essex Rape is not only valuable for pastures, but is most excellent for green manuring. There is no plant which will give so heavy a yield of forage at so small a cost as this.

Resolve now to employ Genuine Dwarf Essex Rape, as it is the right thing to do. Sow liberal quantities along with other grain. It will surprise you to find how clean it will keep your land, and what a quantity of green feed you have after the grain is harvested, which is the very time you want it. Sow about 6 pounds per acre if broadcasted, or 4 pounds if drilled.

Lb. 15 cts., 10 lbs. or more, 12 cts. per lb.

MISCELLANEOUS FARM SEEDS

Mangel-Wurzel Stock Beets

Greatest milk-producing root grown

Mammoth Long Red. This is the giant among Mangels. The roots are of enormous size, very regular and clean, with but small top-growth. The skin is bright, rich red, and the roots, which frequently exceed 2 feet in length, grow from one-half to two-thirds above the ground. The maximum tonnage per acre is produced by this variety. Oz. 15 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., 10 lbs. \$4.

Kentucky Blue Grass

This makes the best, sweetest, and most nutritious pasture for all stock. It is the first to start up in the spring and remains green until snow flies. It is very hardy and is uninjured by cold or dry weather, hot sun, or tramping of hoofs. The roots are so thick and stout that they form a tough sod. Blue Grass requires about two years to get well started and for that reason it is often sown in mixture with other grasses. Lb. 35 cts., bus. (14 lbs.) \$4.

Millet

Tennessee, or Golden. Produces a very fine quality of hay and makes a large seed-head. In good seasons it grows about 4 feet high. Sow 1 bushel (48 lbs.) broadcast to the acre, from April 10 to July 10. Lb. 15 cts., bus. market price.

Orchard Grass

It is well suited for shady places, such as orchards and groves. Lb. 35 cts., bus. (14 lbs.) \$4.

Six-Rowed Barley

Is the earliest variety. Sow $2\frac{1}{2}$ bushels per acre as early as ground can be worked. Bus. (48 lbs.) \$2.75.

Rosen Winter Rye

This new Russian Rye is said to be the best variety now grown. Sow $1\frac{1}{2}$ bus. per acre. Bus. \$2.

Mammoth Russian Sunflower

Highly valued as an excellent and cheap food for cattle and fowls. Lb. 20 cts., 10 lbs. \$1.25, 100 lbs. \$10.

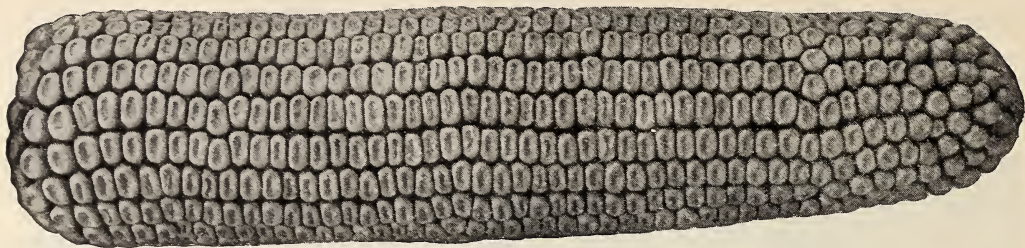
Red Top (Solid Seed)

The place for Red Top is on rather moist soil, deficient in lime and fertility. It will grow where the soil is too poor for timothy and Kentucky blue grass. Good to sow with timothy and clover for meadow or pasture and is more permanent than either. Lb. 35 cts., 10 lbs. or more, 30 cts. per lb.

BROOM CORN SEED FOR MEDICINE.

Lb. 25 cts. (postpaid, 30 cts.)

Salt Brick. All stock crave Salt licks. This brick contains just the ingredients they require—salt-petre, sulphur, copperas, nux vomica, and a preparation of lime pressed and dried into brick form. It keeps the stock healthy and makes them thrive. Aids digestion and tones up the system. An excellent stock tonic. Just drop it in the trough, the stock will not eat more than they want and it cannot hurt them. Per brick, 25 cts. By mail, postpaid, 35 cts.



Quenshenaque Yellow Dent Corn

Northern-Crown Seed Corn

MOST VARIETIES ARE LOCALLY GROWN, SELECTED BY HAND, AND GRADED

ALL OUR SEED CORN IS TESTED FOR VITALITY BEFORE YOU GET IT

Plant 8 to 10 quarts to the acre in hills; sow $2\frac{1}{2}$ to 3 bushels broadcast for fodder

West Branch Sweepstakes

Biggest Ears, Biggest Fodder, Earliest and Best Ensilage Corn for the North

This Corn originated in Lycoming County. Formerly a White-Cap Yellow Dent, it has become mixed with other varieties until now a type of its own has become established. Our stock is original and is grown in Lycoming County, on the best farms of the Susquehanna River bottoms.

The genuine West Branch Sweepstakes is a Corn of mongrel appearance, hardly any two ears look alike—a characteristic of the variety. All ears contain the same blood, all yield about the same amount of green fodder of equal height and weight, and mature at the same time, and the ears run uniform in size. This being the desired aim of the silage users, its mixed appearance only adds to its desirability where it is grown and known. A great silo Corn for northern Pennsylvania, New York, and down-eastern states.

It is a big Corn. The stalks are very large, $1\frac{1}{2}$ to 2 inches in diameter and 12 to 15 feet high. The foliage is long, broad, and heavy, starting well down to the ground, with an abundance of leaves, and produces from 15 to 25 tons of silage per acre. The ears are large, averaging a foot long and 10 inches in circumference, containing 14 to 20 rows of red and golden grains, white capped with a decided reddish cast. Pk. 90 cts., bus. \$3.

QUENSHENAQUE YELLOW DENT. An early-maturing Yellow Dent, grown and bred on the hills of Lycoming County. A Corn of good size and a sure-cropper. This Corn ripens properly in its native habitat on the hills, up the Quenshenaque Run.

It is a beautiful Yellow Dent with just enough White-Cap blood in it to give it strong vitality and early maturity. It matures in 90 to 100 days. The stalks are 7 to 8 feet tall, and the ears 8 to 10 inches long. We feel safe in recommending this Corn to the growers on hill farms on account of its extreme earliness and strong vitality. Pk. (14 lbs.) 75 cts., bus. (56 lbs.) \$2.25.

WHITE-CAP YELLOW DENT. Acclimated and grown in Lycoming County, this Corn has never failed to mature properly; vigorous habit, large foliage, and a sure cropper. The ears are large—9 to 11 inches and 14 to 16-rowed—well filled out and showing practically no gloss whatever, thus demonstrating its well-bred propensities. The grains are large, beautiful lemon-yellow, and white-capped. Pk. 75 cts., bus. \$2.25.

LONGFELLOW FLINT. This for a long time has been the popular 8-rowed Yellow Flint Corn. It is a very productive variety; ears 12 to 14 inches long and matures where the Yellow Dent fails. Pk. \$1, bus. \$3.50.



White-Cap Yellow Dent Corn

In ordering Seed Corn by Parcel Post allow for postage and cost of bags; see Postal Directions, page 63

Prices of all Seed Corn are subject to change without notice. Write for market prices before ordering

ENSILAGE SEED CORN

Lancaster County Sure Crop

HOLDS FIRST PLACE IN THE ESTIMATION OF MANY LEADING FARMERS

Of late many have come to believe that considerable Corn, as well as stalk, should go into the silo—and that where length of season permits, the Corn grains should be well glazed before cutting. Farmers with this viewpoint are firm believers in Lancaster County Sure Crop as the very best Corn for this purpose. Farm Bureau Agents throughout Pennsylvania have become acquainted, through tests with the merits of this variety, with its nutritive value as compared to other silage Corns, and recommend it highly. This variety *grows quite tall—is very leafy—develops ears early—withstands drought—will develop Corn well to the north.* You will be pleased with Lancaster County Sure Crop as a silo-filling variety—rich in its protein content.

You will usually find 14 to 20 rows of grains, all tending to grow curved rather than straight, and set close together, with very little waste space between them. Lancaster County Sure Crop fills out especially well—from butt to tip. The grains are very hard and are not deep, but more square. There is not much cob, so that the proportion of shelled Corn to ear is very satisfactory. An especially good trait of this variety is that it produces a good ear on every stalk in the field. Pkt. 85 cts., bus. (56 lbs.) \$3.

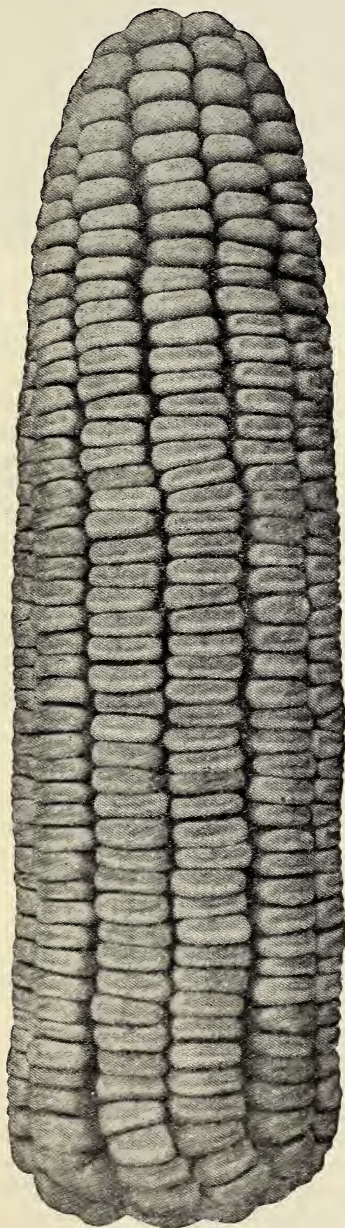
Virginia-grown Eureka

It is the largest Corn we know of, growing from 14 to 18 feet high, on stalks 2 to 2½ inches in diameter, and has a vast amount of foliage. If it is a question of tonnage on your farm, grow Eureka Ensilage Corn. It gives you a succulent, palatable, cheap feed the year around. The seed we offer is the genuine Eureka, grown in the Shenandoah Valley of Virginia, and will give one of the largest crops of Ensilage Corn you have ever had. Pk. 85 cts., bus. \$3.

Blue Ridge

A NEW VARIETY OF ENSILAGE CORN OF GREAT MERIT

Blue Ridge is at least three weeks earlier than its famous prototype, Eureka, with all its good qualities and none of its faults. It is a product of the Blue Ridge Mountains of Virginia, bred for earliness so as to give a glazed ear in this locality at harvest-time. It grows 12 to 14 feet high, on a thick, heavy stalk, well filled with leaves which retain their color well to the ground until harvested. The ears average 10 to 12 inches long; the grain is broad, thick and white, containing an unusual amount of sugar, making this variety the ideal Ensilage Corn, insuring an appetizing and good-keeping silage. (See illustration from an actual photograph, two-thirds natural size.) Pk. \$1.25, bus. \$4.



Blue Ridge Ensilage Seed Corn

CAPACITY OF SILOS			SILAGE FOR 200 DAYS			Average acreage required	Seed required
Height	Diameter	Tons capacity	No. of animals to be fed	Lbs. fed per head per day	Tons silage required		
24 feet	12 feet	54	15	25	32.5	4	24 qts.
28 feet	12 feet	64	15	30	45.0	5	30 qts.
28 feet	14 feet	86	15	35	67.5	7	42 qts.
30 feet	14 feet	92	20	30	60.0	8	48 qts.
32 feet	16 feet	120	20	35	70.0	10	60 qts.
34 feet	16 feet	128	20	40	80.0	10 ½	65 qts.
32 feet	18 feet	162	25	35	87.5	13 ½	85 qts.
34 feet	18 feet	172	25	40	100.0	14	84 qts.
36 feet	18 feet	182	30	35	105.0	15	90 qts.

Seed Corn costs less per acre than any seed you use. It is just simply good business sense to have only the very best. Why use "run-out" seed? It cuts both yield and quality.



A field of Swedish Select Oats

*"As Ye Sow, So Shall
Ye Reap"*

SEED OATS

32 lbs. to the bushel. Sow
2½ bushels to the acre

What was true twenty centuries ago is true today—"like begets like" holds good up to a certain extent. This is more true when applied to the Oat than any other cereal. There is always that tendency to reversion or the "seed run out" as we hear it expressed. The heaviest and best of new varieties run out if kept on the one soil too long. To keep the Oat yield up to standard we must continually import from the Oat-growing sections new stock for planting. An Oat that runs from three to six pounds above the standard weight certainly is preferable to one that runs under weight two to four pounds—any farmer can appreciate the difference and realize the difference in yield and feeding-value. Plant good Oat seed.

Swedish Select

Extra-heavy Recleaned Seed

This Oats was introduced a few years ago by the U. S. Department of Agriculture and today is the most largely planted of all varieties in the northern central states. Briefly described, the Oat is pure white in color, the hull is thin, the kernel large and plump, and the straw stiff and strong enough not to lodge. A remarkable root development makes Swedish Oats a good drought resister—a special feature on light soils. Season medium early and the earliest of the heavy yielding sorts. Especially suited to high land. Swedish Select is grown with success in almost every section where Oats is grown on a commercial scale. Farmers who want a branching variety of a well-tried, reliable kind can safely put their trust in Swedish Select regardless of the acreage they want to put out. Pk. 40 cts., bus. (32 lbs.) \$1.30, 10 bus. or more, \$1.25 per bus.

At the Wisconsin Experiment Station: "It has stood at the head of the list for several years."

Professor Moore of Wisconsin says: "The most satisfactory Oats of all."

Improved White Russian

A Side Oats that is a dependable cropper and as near rustproof as any Oats can be. It withstands extremes of heat and cold and seldom fails to deliver a remunerative crop. White Russian is a distinct type of Side or Horse-Mane Oats of Russian origin. Pk. 50 cts., bus. \$1.75.

Canadian Cluster

One of the heaviest yielding Oats we know of—yields 70 to 85 bushels per acre. It is a Canadian Oats that produces in clusters on one side of stem. A white Oat having good, long, stiff straw. Bus. \$1.35, 10 bus. \$1.25 per bus.

Heavy Weight Oats

The Michigan stock is a good yielder with plump grains. Reliable and reasonable in price. Bus. \$1.

Oats can be shipped either in burlap sacks at 15 cts. each or cotton grain-bags at 50 cts. each.



Improved Treatment for Oats Smut

Use one pint of Formalin (Formaldehyde 40 per cent) in 10 pints of water and with a spray pump direct a spray into each shovelful of grain as it is being shoveled over on a clean floor or canvas. This quantity, 11 pints, will treat 55 bushels at the rate of 1 pint to 5 bushels. Grain may be immediately sacked. ½pt. 35 cts., pt. 50 cts.

We can send Potatoes by parcel post weighing 70 lbs. Potatoes weigh 60 lbs. to the bushel.

If wanted by parcel post allow for postage—1 lb. 7c.; each additional lb. 1c. in 1st & 2d zones.



Certified Irish Cobbler Potatoes

Northern-Grown Seed Potatoes

GROWN ESPECIALLY FOR SEED

For many years we have made a specialty of supplying our trade with northern-grown Seed Potatoes, and have enjoyed a largely increased trade from year to year. This we attribute to the fact that our stock is especially grown for seed, by experienced growers in the cold northeast and being pure and true to name, produces a much larger yield, and Potatoes of a much finer quality, than the home-grown and western stocks usually sold in the open market for seed purposes.

We begin shipping Seed Potatoes as early in the spring as weather conditions will permit, usually the latter part of March. However, we

urge our customers to place their orders early, while our stock of all varieties is complete, as it frequently happens that we are unable to supply certain varieties late in the season. Owing to the perishable nature of Seed Potatoes the market is subject to radical changes, and it is impossible for us to guarantee prices: therefore, the prices given here are subject to change. Write for quantity prices.

Inspected and Certified Irish Cobbler

An early, white-skinned variety; very short, thick, inclining to round. This is yearly increasing in popularity for the early market. But few varieties, if any, combine earliness, size, and production in as great a degree. The crop is ready for market about ten days earlier than the Early Rose; tubers are uniformly larger and in average production of large crops it is not equaled by any of the extra-early varieties nor greatly surpassed in yield by any of the main-crop varieties. The vine is very stocky and vigorous, not as liable to be affected with blight or to suffer by drought as most others. No other of the early varieties is as dependable as this, and is so certain to produce a crop. Pk. \$1.50, bus. \$5.

PURE EARLY ROSE. The good old favorite; pure and true. Every farmer and gardener knows the good Early Rose Potato, and nothing need be said in its favor. Pk. \$1.50, bus. \$5.

Early Ohio. A few days earlier than the Early Rose, and similar in color and habit of growth; quality dry and mealy. Pk. \$1.50, bus. \$5.

Bliss' Triumph. The earliest variety known. This is the "Bermuda Potato" sold so largely in our city markets during the early spring. The Potatoes are almost perfectly round, with rather deep eyes and the color is deep pink. Matures so early that it is very desirable either for the home-garden or market. Pk. \$1.50, bus. \$5.

Prices subject to change without notice.

There is no crop so much benefited by the introduction of fresh, new seed as the Potato. ORDER EARLY while our stocks are complete.

Stray Beauty. Extremely prolific and a full week in advance of Early Rose. Color a beautiful light red; size medium; growth very uniform. Shape, nearly round. The flesh is white; very mealy when cooked. Pk. \$1.50, bus. \$5.

Burpee's Extra Early. Of the finest quality and good size. Tuber oblong, white, or very pale brownish skin; few and shallow eyes. Pk. \$1.50, bus. \$5.



Early Ohio Potatoes

Treat Your Potatoes with Formaldehyde

For scab use a pint to 30 gallons of water; soak for two hours. Price, 1/2 pt. 35 cts., pt. 50 cts. Cannot be sent by parcel post.

The All-Purpose Potato Spray.

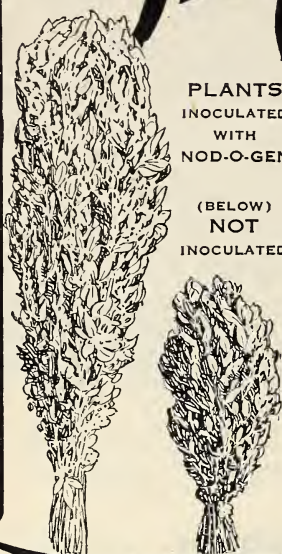
See page 50

Pyrox
REG. U. S. PAT. OFF.
TRADE MARK REGISTERED

Inoculate WITH NOD-O-GEN

PLANTS
INOCULATED
WITH
NOD-O-GEN

(BELOW)
NOT
INOCULATED



For Legume Crops

The cheapest and easiest way of improving crops and soil.

The Legume crops when not inoculated rob the soil; inoculated with the right bacteria, they feed the soil, grow more vigorously and contain a higher percentage of valuable feed proteins.

Nod-O-Gen Easiest and Surest Form of Inoculation

Nod-O-Gen is a scientific pure culture of root nodule bacteria, prepared on special food jelly in bottles with patent stoppers which permit the bacteria to live and breathe and maintain their vigor. Each culture contains plenty of bacteria to inoculate the quantity of seed marked on the bottle. The cost per acre is very small.

Moreover Nod-O-Gen is easiest inoculation to use, requiring no equipment or experience. Takes only a few minutes. Complete directions on every bottle. Results are sure.

Prices for Nod-O-Gen

For Alfalfa, Sweet Clover, Red Clover and other Clovers (specify which):

1/2 bu. size.....\$.60

1 bu. size.....1.00

For Soy Beans, Cow Peas, Field Peas and Beans and Vetches (specify which):

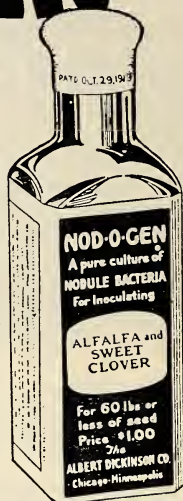
1 bu. size.....\$.50

5 bu. size.....2.00

For Garden Peas, Sweet Peas, Garden Beans and Limas:

Garden Size.....\$.25

Always specify names of crop as well as size of culture wanted.



Our Special Garden Fertilizer

(Royster's Quality Trucker 4-8-7)

All growing plants require food. For the garden, where a diversified growing of plants is desirable, we know of no better form of plant-food than Our Special Garden Fertilizer. It contains the right amount and the right kind of plant-food for the growing of crops of all kinds. Contains 4 per cent ammonia, 8 per cent phosphoric acid and 7 per cent potash.

3 1/2 lbs. 30 cts. (postpaid 40 cts.), 10 lbs. 65 cts., 25 lbs. \$1.25, 50 lbs. \$2, 100 lbs. \$3.50, ton \$50 (in 100-lb. bags)



Take an iron-toothed rake and rake the fertilizer thoroughly into the soil



Pulverized Sheep Manure

"A BAG EQUALS A LOAD"

**Nature's Fertilizer, Kiln-Dried and Pulverized.
Free from Weeds—It Makes All Plants Grow**

This is probably the most extensively used of any animal manure by the florists and market-gardeners. The analysis shows it to be a perfectly balanced plant-food.

Pulverized Sheep Manure acts quickly, and is invaluable for all crops that require a quick stimulant at certain stages of development

Get the genuine Sheep's-Head Brand—do not be fooled with odorless Sheep Manure. If you take the odor away, you take away the most valuable part—the nitrogen.

The genuine Sheep's-Head Pulverized Sheep Manure is a light brown color. It is not burned black like inferior grades. If you cannot smell pulverized Sheep Manure a mile away (figuratively speaking) it is not the real article.

It is prepared by a special drying, screening and grinding process which destroys every weed seed and eliminates every bit of worthless bedding and foreign matter. Only the pure fertilizer in most concentrated and effective form is packed in bags for convenient and economical use.

2 lbs. 15 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3, 500 lbs. \$13, ton, \$45. Special prices on car lots, f. o. b. factory, on request. By mail, postage extra, 2 lbs. 10 cts., 5 lbs. 15 cts., 10 lbs. 20 cts.



Plant Food

MAKES THINGS GROW!

SACCO is a specially prepared Plant Food for the development of fine LAWNS, GARDENS, SHRUBS, FLOWERS, and TREES

Very Effective and Economical

A light application once or twice a year will keep the lawn, garden, etc., growing in excellent condition.

SACCO has more than four times the plant food value of pulverized manure

RECOMMENDED BY HIGHEST AUTHORITIES

SACCO has thousands of satisfied users. In lawn and garden use and in the nurseries of progressive florists and nurserymen SACCO has proved its unvarying superiority.

Clean, Odorless—Easy to Apply

	Postpaid	
1-lb. can. \$0 25	\$0 35	25-lb. bag. \$1 75
5-lb. bag. 50	65	50-lb. bag. 3 00
10-lb. bag. 85	1 05	100-lb. bag. 5 00

HOW MUCH SACCO TO BUY

Figure your requirements at 2 to 4 pounds per square, 10 x 10 feet. Simple directions for applying are printed on each package.

THE TWO MAGIC PLANT GROWERS

NITRATE OF SODA. This is the most soluble and quickly available form of nitrogen or ammonia. It is immediately available to the plants when applied. 1½ lbs. 15 cts., 2½ lbs. 25 cts., 5 lbs. 45 cts., 12 lbs. \$1, 25 lbs. \$1.50, 100 lbs. \$4.75, 167 lbs. (original bag) \$6.68.

BONE-MEAL. Pure ground bone. It is rich in nitrogen and phosphoric acid, the two principal plant-foods. Lasting in its effect; especially fine for rose and other blooming shrubs. 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3, 500 lbs. \$14, ton \$55.

CATTLE MANURE. (Pulverized or Shredded.) A valuable fertilizer for the garden; carefully prepared by drying and screening. In 100-lb. bags only, \$3 each, 500 lbs. \$14, ton \$48.

LAND SALT. 10 lbs. 25 cts., 25 lbs. 50 cts., 50 lbs. 85 cts., 100 lbs. \$1.25, ton \$20.

HYDRATED LIME. Slaked and pulverized, ready to apply to the soil. Hydrated (Powdered) Lime can be more uniformly distributed than other forms of Lime. Especially prepared for the lawn and garden. Bag (50 lbs.), 75 cts., ton \$20, delivered in the city; (at warehouse, ton \$14).

ACID PHOSPHATE (20 per cent). Apply 300 pounds per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. 100 lbs. \$1.50, 167 lbs. (original bags) \$2.25 (delivered in city \$2.50); ton \$25.

SULPHATE OF AMMONIA. It is entirely soluble and is immediate in its action. It is a chemical compound of high purity. It is odorless. Apply at the rate of 100 to 200 pounds per acre (¼ to ½ lb. per 100 sq. ft.). Lb. 10 cts., 2½ lbs. 25 cts., 5 lbs. 45 cts., 12 lbs. \$1, 25 lbs. \$1.50, 100 lbs. \$5.

ROYSTER'S COMET GUANO (PENNSYLVANIA POTATO GUANO) (3-10-6). A garden and potato fertilizer for the market and home-garden containing 3 per cent ammonia, 10 per cent phosphoric acid, and 6 per cent potash, well balanced in the essential plant-foods for the production of bumper crops of vegetables and potatoes. Lb. 10 cts., 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3, ton \$40.

ROYSTER'S BANNER GUANO (2-8-10). An excellent fertilizer for potatoes, corn, and small grains, containing 2 per cent ammonia, 8 per cent phosphoric acid, and 10 per cent potash. Apply 300 to 1,000 pounds per acre. Bag (125 lbs.) \$3, ton \$41.

ROYSTER'S RATIONAL GUANO (1-9-4). A complete fertilizer that is used successfully and with good results on small grains, especially on land that has received application of stable manure and lime. Bag (125 lbs.) \$2.25, ton \$32.

ROYSTER'S BULLY GUANO (2-8-5). A better grade of fertilizer for small grains and corn. Bag (125 lbs.) \$2.50, ton \$36.

If by mail, postage extra, 1 pound 7 cts.; each additional pound 1 ct.

INSECTICIDES AND FUNGICIDES

WHAT PYROX IS and WHAT PYROX DOES



Pyrox is a powerful fungicide; it controls fungous diseases even some serious ones that other fungicides do not control. A strong poison insecticide, it kills chewing insects, even those which are hard to kill, like the hard-shelled potato beetle.

It goes farther; it is so smooth and fine that the finest nozzle can be used without clogging. The resulting mist-like spray covers more surface.

It gives more lasting protection; it sticks like paint and stays on for weeks. Even hard rains do not wash it off once it is thoroughly dry.

It helps to increase yields; the copper fungicide in **Pyrox** stimulates the leaves, makes them greener and more vigorous and helps to increase yields even when there is no disease.

The one best spray for potatoes, tomatoes, cucumbers, melons and other vegetables, grapes, currants and flowers. Recognized for over a quarter of a century as the Standard. **Pyrox** kills bugs, prevents blights and increases yields.

Get ahead of the crows by treating seed corn with **Pyrox**

Lb. 50 cts., 5 lbs. \$1.75, 10 lbs. \$3, 25 lbs. \$6.25, 50 lbs. \$10.75, 100-lb. drum \$15.50
Cannot ship by parcel post

SCALECIDE. The latest and best spray for San Jose scale, cottony maple scale, and pear psylla.

It is not poisonous, being simply a mechanical preparation of petroleum oil that instantly mixes with cold water and is immediately ready to apply. One gallon of **Scalecide** to 20 gallons of water sprayed on your trees and bushes, will kill every scale that it reaches without injury to tree or fruit if applied in late fall, winter, or early spring, while the foliage is off. The new 15-gallon drum contains enough **Scalecide** to spray the same number of trees as a 50-gallon barrel of concentrated Lime-Sulphur Solution. Qt. 75 cts., gal. \$2, 5 gals. \$6.25, 15-gal. drum \$13.50 (\$2 rebate allowed on return of drum), 50-gal. bbl. \$38.

Arsenate of Lead, Bowker's Powdered. A strong poison for killing bugs on fruits and vegetables. Especially fine, light and fluffy. Use either as a dust or liquid spray. ½lb. carton 30 cts., 1-lb. carton 50 cts., 4-lb. bag \$1.75, 25 lbs. \$7.50, 100-lb. drum \$25.

Bodo, Bowker's Powdered Bordeaux Mixture. Used when only a fungicide is required to control blights, rusts, and rots on vegetables and small fruits. It carries no poison for bugs or worms. 1-lb. pkg. 50 cts., 5-lb. bag \$2.25.

Kills Aphids
Black Leaf 40
40% Nicotine

"Black Leaf 40." A concentrated solution of nicotine sulphate; an excellent spray for black aphids and sucking insects of all kinds. Dilutes one part to 900 or 1,000 parts of water, according to treatment. Full directions on each package. Oz. 35 cts., ½lb. \$1.25, 2 lbs. \$3.50, 10 lbs. \$13.50.

Blue Stone (Copper Sulphate). Crystals. For making Bordeaux Mixture; best-known remedy for blight. Lb. 15 cts., 10 lbs \$1.25, 100 lbs. \$8.

Carbola. A white mineral pigment, the best and most powerful disinfectant. It is not a lime or whitewash preparation. While it is twenty times stronger than pure carbolic acid, it is not poisonous or caustic and is harmless to man, beast, or bird. When applied to buildings it leaves a smooth white surface and is recommended for factory buildings, poultry-houses, cattle and dairy barns. As a dust it is recommended for vegetable- and flower-garden, controlling such insects as the aphid, cabbage, and other worms and insects. 5 lbs. 75 cts., postpaid 90 cts.; 10 lbs. \$1.25, postpaid \$1.45; 50 lbs. \$5. Postage extra.

Carbola Duster. 17 inches long. \$1.25.

Copper Solution Ammoniated. A fungicide the same as Bordeaux Mixture, the essential ingredient, carbonate of copper, being dissolved in ammonia. Qt. \$1.25, gal. \$3.50.

Cyanogas (Calcium Cyanide). "G" grade for greenhouse fumigation. 5-lb. can \$2.50. Circular on request.

Cyanogas. "A" dust for the control of ants, rats, etc. 1-lb. can 60 cts. Interesting circulars on request.

Fungi-Bordo. A convenient ever-ready dry Bordeaux Mixture of well-balanced formula, uniform in composition, having excellent suspension and adhesive qualities. Lb. 50 cts., 5 lbs. \$2.25.

Formalin. ½pt. 35 cts., pt. 50 cts.

Grafting Wax. ½lb. 25c., lb. 40c. Postage extra.

Nico-Fume Liquid. A highly refined solution of "Free Nicotine" for the control of aphids, thrips, etc., under glass. 8 lbs. \$15.

Melrosine Rose-Bug Destroyer. A splendid insecticide against all pests. **Kills rose-bugs** and other insects. Trial Size 50 cts. Pt. \$1, qt. \$1.75.

Paris Green. The strongest insect poison. ¼lb. 20 cts., ½lb. 35 cts., lb. 65 cts., 5 lbs. \$3.

Para-Dichlorobenzene (Hooker's Paracide). A successful remedy for controlling the peach borer. Use 1 ounce to a tree. Lb. 50 cts., 5 lbs. \$1.75, 10 lbs. \$3, 25 lbs. \$6.75, 50 lbs. \$13.

San-O-Spray. Flies, roaches, mosquitoes, water bugs, ants, bed-bugs, moths, fleas, lice and spiders quickly succumb to the death-dealing effects of this wonderful Insecticide. During the past season many of our dairymen have used **San-O-Spray** on their cattle and barns with excellent results. It kills the flies in the barn and keeps the cattle free from lice, but does not discolor the hair or injure the hide. Pt. 75 cts., qt. \$1.25, gal. \$3.50, 5 gals. \$15.

Slug-Shot. Controls currant worms, rose slugs, cabbage worms, squash bugs, and others. Lb. carton 20 cts., 5 lbs. 60 cts., 10 lbs. \$1.15. Postage extra.

Sulphur, Powdered. Lb. 5 cts., 100 lbs. \$2.75.

Sulfocide. A summer spray. Qt. \$1.25.

Tobacco Dust. Lb. 10c., 5 lbs. 35c., 100 lbs. \$3.75.

Whale or Fish-Oil Soap. ½lb. 15 cts., lb. 25 cts., 10 lbs. \$2. Postage extra.

Weed and Ivy Killer. Qt. 60 cts., ½gal. \$1.

Spray Pumps, Nozzles and Fixtures



Dusting Cucumbers with the Blower Dust Gun

Niagara Blower Dust Gun

This improved type of hand-duster embodies many of the patented features of the larger Niagara models, including an improved feed device. Its mechanical construction is very simple and durable. It is suspended by straps from the shoulders. The fan is rotated by means of a crank. This gun is designed for low-growing crops such as the potato, strawberry, tomato, celery, cotton, tobacco, etc., and also is adapted for dusting trees in young orchards, etc. The weight is nearly 11 pounds and its capacity for dust material is about 9 pounds, or enough for one-third to one-half acre at one filling. A flexible metal hose section permits free movement of the discharge-pipe. There is available also a Y-attachment which often makes it possible to dust two rows of small plants at a time. Price \$20.

Hudson Perfection Sprayer



Tank is either brass or rust-resisting copper bearing steel sheet. Capacity 4 gallons. Pump is seamless brass tubing. Fastens to tank by heavy threaded malleable cap which screws onto brass tank collar. This unit construction, combines strength, simplicity and easy access to parts. Nozzle is automatic, operating perfectly under all pressures. Will handle any solution. Fitted with an extension rod.

No. 110G. Perfection Sprayer, Galvanized Tank, \$6.50 (postpaid, \$6.75).

No. 110B. Perfection Sprayer, Brass Tank \$9, (postpaid \$9.25).



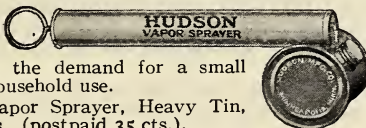
Hudson Continuous

Delivers finely divided, atomized mist continuously.

No. 424. Continuous Sprayer, Heavy Tin, 85 cts.

No. 424B. Continuous Sprayer, Brass Tank, Brass Pump, \$1.25. If wanted by mail add 15 cts.

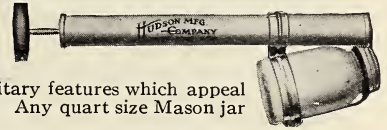
Hudson Vapor



This fulfils the demand for a small Sprayer for household use.

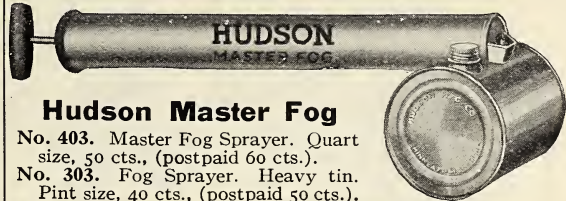
No. 222. Vapor Sprayer, Heavy Tin, 3/4pt. 25 cts., (postpaid 35 cts.).

Hudson Crescent Sprayer



Possesses sanitary features which appeal to many people. Any quart size Mason jar can be used.

No. 430. Crescent Sprayer, glass jar, tin pump, quart size, 75 cts., (postpaid 90 cts.).



Hudson Master Fog

No. 403. Master Fog Sprayer. Quart size, 50 cts., (postpaid 60 cts.).

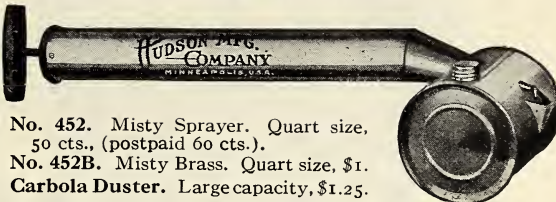
No. 303. Fog Sprayer. Heavy tin. Pint size, 40 cts., (postpaid 50 cts.).



The Hudson Major Duster is designed for the home-gardener, the small truck farmer or fruit-grower, for use in and around the home, dairy, etc. It will handle all dry powdered insecticides very satisfactorily. Length, 28 inches. Fitted with powder strainer, \$1.25.



The Hudson Cadet Duster is adapted for use with all insect powders. Because of its size and efficiency it is a favorite with the housewife in applying roach, ant, and various bug powders. It is frequently used around restaurants, soda fountains, offices, stores, etc. Length 15 3/4 inches, 50 cts., (postpaid 60 cts.).



No. 452. Misty Sprayer. Quart size, 50 cts., (postpaid 60 cts.).

No. 452B. Misty Brass. Quart size, \$1.

Carbola Duster. Large capacity, \$1.25.

Brown's Auto Spray No. 9

Now used by all leading florists, gardeners, and fruit-growers, and almost indispensable in the poultry-house. It operates with compressed air; safe and efficient; liquid capacity, 4 gallons; pressure capacity, 40 pounds.

No. 9-B, Brass. \$9, (postpaid \$9.25).

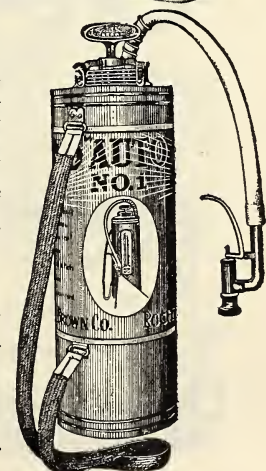
No. 9-D, Galvanized Iron. \$6.50 (postpaid \$6.75).

NON-KLOG JR. SPRAY NOZZLES. Angle or straight, 75 cts. (ppd. 80c.).

BAMBOO EXTENSION RODS. With connections. 6 or 9-ft., \$4 each.

BRASS EXTENSION RODS. 2 feet long. 75 cts.

A Complete Line of other Nozzles and Connections



BEST GRADE BERRY BASKETS

Made of Sweet Gum

Standard quart and pint-size Baskets for strawberries and other small fruits. Best quality. "Arrow Brand" Berry Baskets are superior to other makes. They are packed securely in crates of 1,000. \$8.50 per crate.

New White Oak Kegs

5-gal. kegs, \$2.50; (by parcel post prepaid, \$2.75).
10-gal. kegs, \$3.30; (by parcel post prepaid, \$3.65).
15-gal. kegs, \$4.25; by express or freight only.

Peach and Tomato Baskets

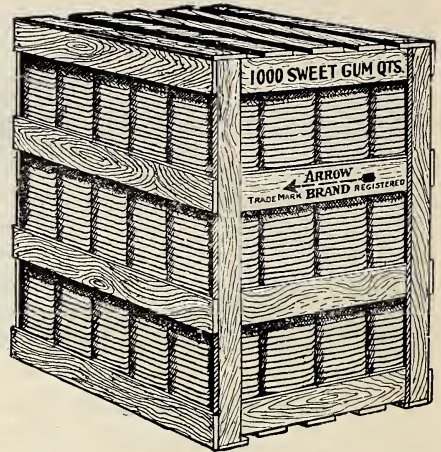
Containers for marketing Peaches, Tomatoes, etc. Standard 16-quart size, made of the best materials. 10 cts. each, \$8 per 100. Ask for lowest prices on quantity wanted.



Peach Basket

"Gripit" Peach Basket Carrier

50 cts., ppd. 65 cts.



Arrow Brand Berry Crate

Ideal Fruit-Picking Bag

Made of heavy-weight duck and so arranged as to equalize the load on both shoulders. The openings are so arranged that both hands can be used in picking, and the draw-string is so placed that the fruit can be let out at the bottom in emptying the bag. This is the best and handiest arrangement for picking fruit that has ever been offered. \$2.25 each (postpaid, \$2.40).

Waterproof Paper Celery Cuffs

Bleaches Celery quickly, easily and cheaply. Made of specially prepared waterproof paper that will last for years. Using them over and over again makes their use inexpensive. 9 x 13 in., 12 for 30 cts., postpaid 40 cts.; \$2 per 100, postpaid \$2.20; \$18 per 1,000. Sample on request.

Harris Ready-to-Use Locked Plant Band

The only really Ready-to-use Bands on the market. No locks to put together, no tacks to drive, no folding of corners. The finest thing known to transplant plants of every kind. They are cheap, easy to use and very satisfactory. They come already folded and set up. All you have to do is open them, set close together in a box, fill with dirt and put in the plant. Size 2 x 2 x 2 1/2 in. deep, 55 cts. per 100, \$1.30 for 250, \$2.35 per 500, postpaid.

CEL-O-GLASS

THE REAL GLASS SUBSTITUTE

CEL-O-GLASS resembles the best window-screen wire, the spaces filled with the unique transparent substance that gives CEL-O-GLASS its marked superiority over brittle lead-and-sand glass. CEL-O-GLASS is needed wherever there is a window. It is ideal for laying-houses, colony houses, brooders, barns, and other farm outbuildings. CEL-O-GLASS is also ideal for hotbed sash, coldframes, fronts, sides, and interior partitions of greenhouses. Write for sample and booklet FREE.

In rolls one yard wide, \$1.35 per yard (postage extra, 1 yard 10 cts., each additional yard 2 cts.)

For Hotbeds, Coldframes,
Poultry and Farm Buildings



CYCLONE BROADCAST SEEDER. Simple in construction and easy of operation; has automatic regulator and cut-off, and performs its work perfectly. It is practical. Price, \$2; postpaid \$2.25.

ACME CORN PLANTER. Works in any soil; has flexible and adjustable iron drop; does not wear the brush; has iron seed-box and iron channel; foot made of polished steel. Well made, durable, reliable. Price \$2.50 each.

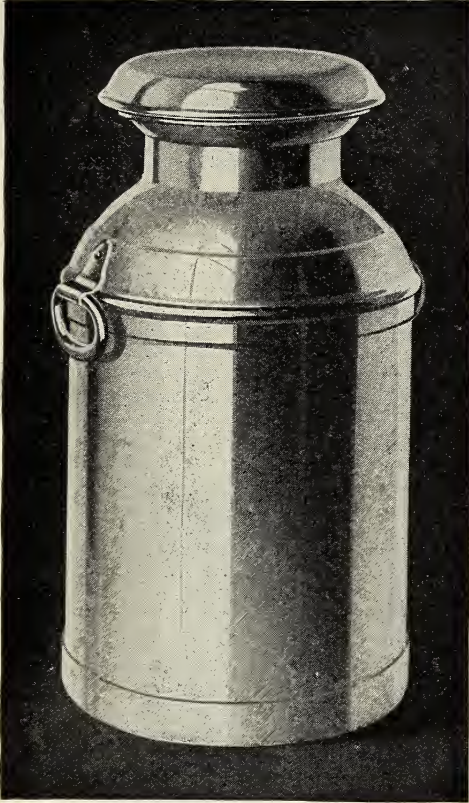
ASPARAGUS or WEEDING KNIVES. For cutting Asparagus or Weeds. Made of good tool steel, highly polished, with spring temper. 20 inches long—with 1 5/8-inch cutting face. Fitted with rubberoid handles. 75 cts. each (postpaid, 85 cts.).

DIBBLES. Iron Point, small, 65 cts.; Iron Point, and Handle, large, 75 cts.; Brass Point, the most popular for truckers, 85 cts.; postpaid 10 cts. extra.

DAIRY SUPPLIES

The dairy business provides a steady and unflinching source of income and is becoming more popular. As the population in the cities increases, the demand for dairy products becomes greater. Few, indeed, are the farmers in the East who have not felt this urge, and dairy farmers are gradually supplanting the straight, grain-producing ones.

It is our desire to cater to the farmer's wants, to be of service to him in supplying his needs. Realizing the need of a place where the dairy farmer can procure all the requisites necessary to the dairy business, we have met this need by adding dairy supplies. We are able to furnish all the things necessary to the dairy farmer by parcel post, express, or freight. We are listing in our annual seed catalogue some of the more important items, and we ask the interested farmer to look over our offerings.



NEW YORK PATTERN MILK-CANS. Standard heavy weight shipping Cans. Umbrella top; malleable steel drop handles. 20-qt. size \$4; 30-qt. size \$5; 40-qt. size \$5.50.

CLEVELAND PATTERN MILK-CANS. Same price, weight, and style as New York pattern, except that they have stationary upright malleable steel handles.

TIGER PATTERN MILK-CANS. Lighter weight than the above patterns with upright malleable steel handles and umbrella tops. 20-qt. size \$3.75; 30-qt. size \$4.25; 40-qt. size \$4.75.

CREAM SEPARATOR CANS. 20-qt., with spigot and glass, \$2.75; without spigot or glass, \$2.25.

LISK QUALITY MILK-PAIS. Plain, 14-qt., \$1.75; Hooded, 14-qt. \$2.10.

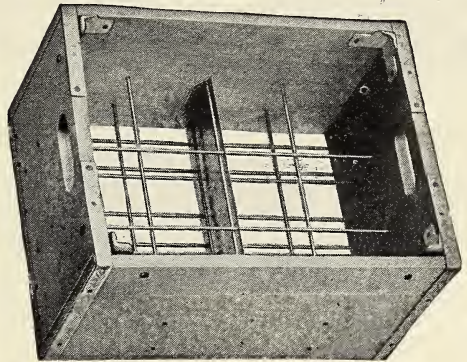
SNAG-PROOF RUBBER APRONS. Acid-proof, steam-proof, and hot-water-proof. Light weight, 75 cts.; medium \$1; extra-heavy and large \$2.25 postpaid.



Bottle-Caps

Our Milk Bottle-Caps are made of the famous Fulton Board and thoroughly parafined.

Lb. (500 caps).....35 cts. (postpaid 42 cts.)
Boxes (5,000 caps).....\$2.50 (postpaid \$2.70.)
50,000 caps, printed, your design.....\$17 50



Bottle-Cases

Standard wood Cases, made of hardwood, with strong steel rod partitions and cast-iron piling lugs.

Quart-size. Standard. Holds 12 quart bottles.	Each \$1 75
Pint-size. Standard. Holds 20 pint bottles.	1 75
Pint-size. Built up. Holds 16 pint bottles.	2 00
½-pint size. Built up. Holds 20 ½-pint bottles	2 25
½-pint size. Built up. Holds 16 ½-pint bottles	2 25

Strainers

LISK SANITARY STRAINERS. Two sizes, \$2.25 and \$2.50.

COTTON PADS FOR STRAINERS. Carton of 300 \$2.75, 100 for \$1.

We are distributors of the Star Line of Barn and Dairy Equipment. Catalogue supplied on request

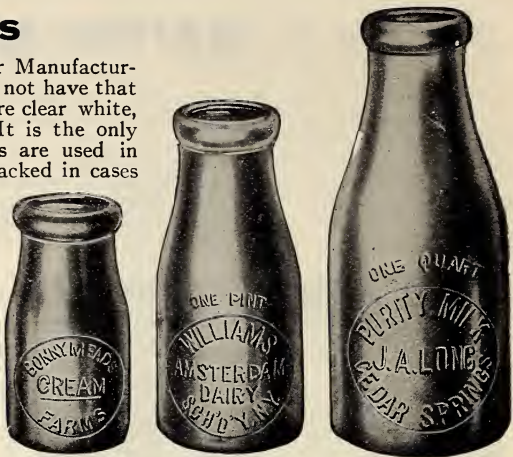
Milk Bottles

The Milk Bottles, manufactured by the Thatcher Manufacturing Co., are made of the best material. They do not have that bluish cast which is found in inferior bottles, but are clear white, showing to advantage the quality of the milk. It is the only bottle made that will not chip off when machines are used in cleaning. Prices subject to change. Shipped and packed in cases of ½gross only. F. O. B. Williamsport, Pa.

Quarts, \$9.75 per gross, ½gross \$5
Pints, \$7.75 per gross, ½gross \$4
½pints, \$5.50 per gross, ½gross \$2.85

10 gross lots, 25 cts. less per gross.
25 gross lots, 50 cts. less per gross.
Name Plates on milk bottles, \$2.50 for each size.

We are jobbers of Thatcher Milk Bottles. Orders shipped from factory average about \$1 less per gross than above prices. We cannot ship less than 1 gross of each size, of named Bottles from factory.



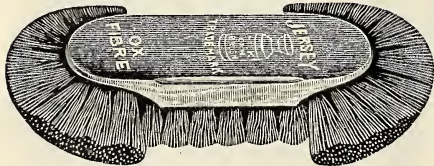
Bottle-Brushes



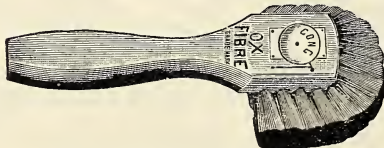
Made of selected hair and spiral wound.

All Bottle and Milk-Can Brushes sent by Parcel Post, 10 cts. extra.
Hand Bottle-Brushes. 10-in. handle, flat top, 75 cts. each; pointed top, 65 cts. each.
Machine Bottle-Brushes. Short handle; flat top, 75 cts. each; pointed top, 65 cts. each.

Milk-Can Brushes



Jersey. Ox-fibre. 65 cts. each.



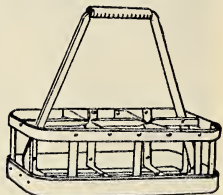
Gong. Ox-fibre. 60 cts. each.

Wyandotte Cleaner and Cleanser

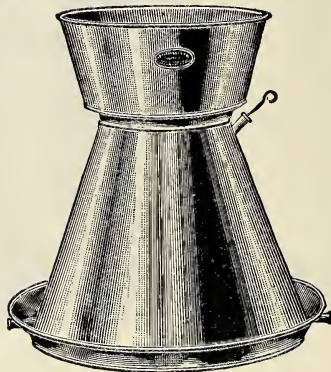
A cleanser especially prepared for dairy purposes. It contains no grease, lye, caustic, acid, or preservatives. It makes no suds. It is pure and purifying. Wyandotte is used and recommended by every State Dairy School and Agricultural College in this country and Canada. Its use is universally endorsed by Dairy and Pure Food Inspectors, as well as Boards of Health. 5 lbs. 45c., keg (80 lbs.) \$5.29, barrel (280 lbs.) \$15. A 5-lb. bag for trial, 55 cts. postpaid.

Perfection Bottle-Carriers

Made of plain annealed steel bands. Will carry quarts, pints, and half-pints.



6-bottle size. Pint or quart. \$1.75 each.
8-bottle size. Pint or quart. \$2 each.



Champion Milk Coolers

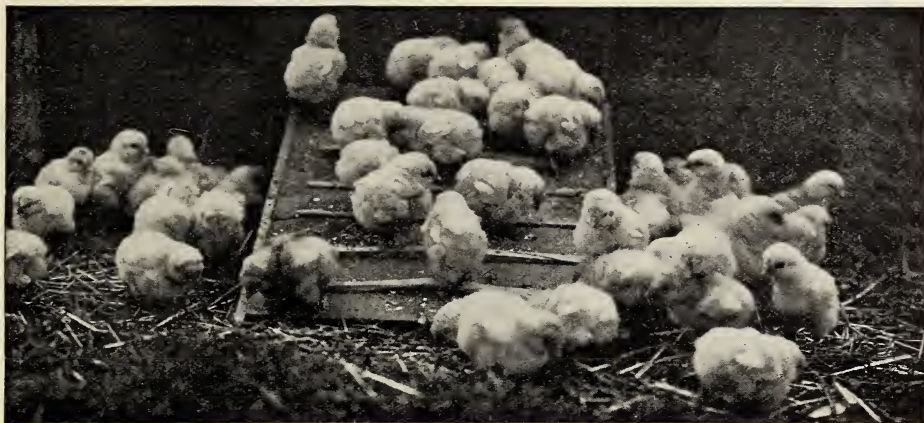
For aerating and cooling milk.		Each
No. 2.	10 to 25-cow size.....	\$10 00
No. 3.	25 to 50-cow size.....	12 00
No. 4.	50 to 100-cow size.....	15 00



STERILIZER
DISINFECTANT
DEODORANT
PURIFIER

B-K has over ten times the power of undiluted carbolic acid for killing germs of disease and the bacteria which cause decomposition and odors in milk containers and utensils. Odors are caused by bacteria. B-K removes the odor by destroying the cause. It leaves no odor of itself.

10-oz.	We cannot ship by Parcel Post.....	\$0 60
Quart.	We cannot ship by Parcel Post.....	1 25
Gallon.	We cannot ship by Parcel Post.....	3 00



This lively bunch of little chicks is thriving on Conkey's Starting Feed

The Truth About Baby Chicks

A reliable authority tells us that it costs an amateur or home breeder 25 cents or more for every live Chick hatched. Frequently these Chicks are low in vitality, coming from ordinary breeding stock, causing many losses and great disappointment.

How much better, quicker and cheaper to buy husky Chicks full of life and energy, hatched from "bred-to-lay," free range stock, all ready at one time to grow and develop profitable producers of eggs and meat.

Feed Baby Chicks for eight weeks on Conkey's Buttermilk Starting Feed with our Combined Regulator Grit. This will give you a wonderful start in securing that flock for next season's supply of eggs.

BABY CHICKS

It's a lot easier to get your Chicks ready hatched than to bother with hatching—usually cheaper, too. Just the kind you want—just as many as you need—just when you need them. Take them out of a shipping-box and *watch them start to grow!*

Our experience as Seedsmen teaches us the value of "quality."

We use this principle with our Day Old Chicks.

Our Baby Chicks from utility matings are better than ordinary chicks offered "cheap";—they are bred to lay—pure to type—better in every way.

Our Special Mating chicks are intended for Breeding or Special Laying Stock.

We pay the Parcel Post including the Special Handling charge and guarantee One Hundred Per Cent safe arrival.

Claims for losses must be signed by postal official at delivery office.

Send order with full remittance in bank check, post office money order, or draft. We cannot ship Chicks C. O. D.

Indicate when you want shipments made. We do not ship less than 25 Chicks of any one variety.

Price-List—March 1 to May 15, 1927

After May 15th chicks 2 cts. less than quoted. Late June and July chicks, specially low prices will prevail

Barred Plymouth Rocks.

	25	50	100
Utility Matings.....	\$4 25	\$8 50	\$16 00
Special Matings.....	5 25	10 50	20 00

Rose and Single Comb Rhode Island Reds, Single Comb White Leghorns, Brown Leg- horns and Mottled Anconas.

Utility Matings.....	\$4 50	\$8 50	\$16 00
Special Matings.....	5 50	10 50	20 00

White Plymouth Rocks, White Wyandottes.

Utility Matings.....	\$5 00	\$9 50	\$18 00
Special Matings.....	6 00	11 50	22 00

Place your chicks under a brooder with a temperature from 95 to 100 degrees. Remember for the first ten days heat to the baby chicks is as necessary as food.



Conkey's Buttermilk Starting Feed. This superior chick-mash was the first commercial poultry feed containing buttermilk—that is why we call it the only **original** buttermilk starting feed. Conkey's did not "just happen"—it is a scientifically balanced feed as clean and wholesome and as conscientiously prepared as "infant food." Selected, plump grains, ground to proper fineness, are combined with other ingredients so as to make the feed readily digestible, palatable and nutritious. **Taste it—smell it**—that's the way to judge a chick feed. Conkey's carries buttermilk, blood meal in just the right proportion as an aid in prevention of bowel troubles, white diarrhea, cannibalism and "leg weakness," etc. The buttermilk is Semi-Solid buttermilk, blended with the other ingredients by the **original** process in such a way as to preserve the appetizing, tonic, and other properties of the newly-churned product. Lb. 10 cts., 2½ lbs. 20 cts., 5 lbs. 35 cts., 10 lbs. 65 cts., 25 lbs. \$1.50, 100 lbs. \$5.50.

Conkey's Chick Grain. Contains no grit to make weight, and not too much corn. Pure grains only. Made from pinhead oatmeal, cracked white and yellow corn, cracked wheat, cracked peas, Kaffir corn, Milo maize, millet, etc. It is the highest grade of Chick Grain ever made, and worth all it costs. Feed in combination with Conkey's Buttermilk Starting Feed and Chaapel's Regulator Grit. Lb. 7 cts., 2½ lbs. 15 cts., 5 lbs. 25 cts., 25 lbs. \$1.10, 50 lbs. \$2.10, 100 lbs. \$4.

Conkey's Buttermilk Growing Mash. This differs materially in analysis and ingredients from Conkey's Buttermilk Starting Feed, being balanced to continue the rapid growth begun by the Starting Feed. The Growing Mash is a richer feed, higher in protein and bone than the Starting Feed. It also contains a little more fiber. It also contains less corn, because corn is heating in summer and also fattening, whereas the developing bird requires muscle and bone-forming materials. 1 lb. 7 cts., 5 lbs. 30 cts., 10 lbs. 55 cts., 25 lbs. \$1.25, 50 lbs. \$2.10, 100 lbs. \$4.

Buttermilk Laying Mash (Conkey's). Contains dry buttermilk, a valuable feed for egg-production. No other Mash compares with Buttermilk—it is in a class by itself. Sold by us for years on its merits. Feed it dry and you will be more than pleased. Feed for eggs and get them. Lb. 5 cts., 10 lbs. 50 cts., 25 lbs. \$1.10, 50 lbs. \$2, 100 lbs. \$3.75.

Scratch Grain (Conkey's). Made from pure grains only. Not a pound of waste to the ton. Balanced to produce eggs; properly sized and mixed. Lb. 5c., 5 lbs. 25 cts., 25 lbs. \$1, 100 lbs. \$3.25.

Charcoal, Granulated, Fine and Coarse. Lb. 10 cts., 5 lbs. 35 cts., 25 lbs. \$1.25, 50 lbs. \$2.

Cut Clover. Excellent for mashes or as litter for little chicks. Lb. 6 cts., 5 lbs. 25 cts., 25 lbs. \$1, 50 lbs. \$2, 100 lbs. \$3.50.

Royster's Fish Meal. A specially prepared fish-scrap. Lb. 6 cts., 100 lbs. \$4.50.

Meat Scrap. Best quality. 45 to 55 per cent protein. Lb. 6 cts., 10 lbs. 60 cts., 100 lbs. \$4.50.

Oyster Shells. Furnish lime to make egg-shells. 5 lbs. 10 cts., 100 lbs. \$1.25.

Stone Grit. Necessary teeth for poultry. 5 lbs. 10 cts., 100 lbs. \$1.25.

Chaapel's Regulator—A Combination Grit Necessary for Little Chicks and Laying Fowls

Contains cracked bone for the building of bone and frame, charcoal for the sweetening of the crop and as an aid to digestion. Egg Shell Grit is the proper size for the proper mastication of food, together with other ingredients necessary for the proper grinding of food, body-building material, teeth, and tonic. A most valuable product for the proper raising of little chicks. Keep it before them all the time in a grit hopper or scatter in the litter. 2 lbs. 10 cts., 5 lbs. 25 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3. Postage extra, 2 lbs. 10 cts., each additional pound 1 cent.

Conkey's Poultry Remedies and Insecticides



Poultry cannot be profitable unless they are healthy. The importance of prevention by the use of a germicide, like Nox-i-cide, should not be underestimated. This line is complete. Postage extra, 5 cts.

Conkey's Poultry Book free

Conkey's Roup Remedy 30 cts. and 60 cts.
 Conkey's Cholera Remedy 25 cts. and 50 cts.
 Conkey's White Diarrhea Remedy . 30 cts. and 60 cts.
 Conkey's Gape Remedy 25 cts. and 50 cts.
 Conkey's Head Lice Ointment . 10 cts. and 25 cts.
 Conkey's Poultry Conditioner . . 25 cts. and 50 cts.
 Conkey's Laying Tonic 25 cts. and 50 cts.
 Conkey's Poultry Laxative . . . 25 cts. and 50 cts.
 Conkey's Lice Powder . 3 sizes, 20c., 35c. and 75c.

Conkey's Bronchitis Remedy 60 cts.
 Conkey's Chicken Pox Remedy . 25 cts. and 50 cts.
 Conkey's Limber Neck Remedy . . . 50 cts.
 Conkey's Rheumatic Remedy 50 cts.
 Conkey's Black Head Remedy . . . 50 cts.
 Conkey's Poultry Worm Remedy, 25 cts. and 50 cts.
 Conkey's Scaly Leg Remedy 25 cts.
 Conkey's Stock Remedies 25 cts. and 50 cts.
 Conkey's "Nox-i-cide" Pt. 50c., qt. 80c., 2 qts. \$1.30



Pratt's Poultry Regulator

Prices on request

CONKEY'S LAYING TONIC, BARKER'S CATTLE AND POULTRY BARKER

It builds up vitality, insures sound digestion, sharpens appetite and prevents disease, thus putting them into condition for heavy egg laying or winning blue ribbons.

Kow-Kare, The Great Cow Medicine

Most dairy cow ailments are simple if the source of the trouble is reached. If the organs of production or reproduction are not doing their duty, try Kow-Kare—the medicine for run-down cows. It has worked wonders in many herds, and is especially recommended for the prevention and cure of Abortion, Barrenness, Milk Fever, Scouring, Lost Appetite. Send for Booklet. Price, 65 cts. and \$1.25; Garget Remedy 65 cts.



Bag Balm, 60c., ppd.



Don Sung Makes Hens Lay

How to tell a hen from a rooster—feed them Don Sung and if they do not lay, they are roosters. Don Sung is Chinese for "egg-laying"; it puts pep into the flock; makes them healthy and vigorous; makes hens lay; gets the eggs in any weather. It is easily given in the feed and doesn't force or hurt the hen in any way. Don Sung is a real tonic. Try it—if it doesn't pay for itself and pay you a good profit besides, your money will be promptly refunded. Trial size (45 tablets), 50 cts. (postpaid, 55 cts.); large size (135 tablets), \$1 (postpaid, \$1.05). Special Size (about 800 tablets) \$5, (postpaid, \$5.08).



Glover's Dog Medicines

Mange Medicine.. \$0 65 per bottle	Distemper Med.. \$1 25 per bottle
Diarrhea Medicine.. 65 " "	Fit Medicine..... 65 " "
Vermifuge..... 65 " "	Cough Mixture..... 65 " "
Worm Capsules..... 65 " "	Eye Lotion..... 65 " "
Liver Pills..... 65 " "	Tonic..... 65 " "
Kennel Soap..... 30 " "	Condition Pills..... 65 " "

Free Book on Diseases of the Dog and How To Feed, on request

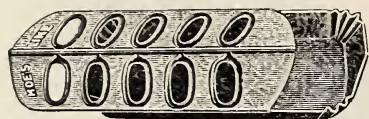


Spratt's Patent Dog and Puppy Biscuits



Meat Fibrine Puppy Biscuits. Cartons 15c., 40c., and 75c.
 Meat Fibrine Dog Cakes. Cartons 15 cts., 40 cts., and 75 cts.
 Cod-Liver Oil Cakes. Cartons 15 cts. and 40 cts.; 5 lbs. 75 cts.
 Ovals (The Pocket Dog Biscuit). Cartons 15 cts., 40 cts., and 75 cts.
 Large Round Dog Cakes in Bulk. Lb. 15 cts., 2 lbs. 30 cts., 5 lbs. 70 cts., 100 lbs. \$12. Postage extra.
 Dog Book Free on Request

Poultry Requisites Bring Success



Eclipse Chick Feeder

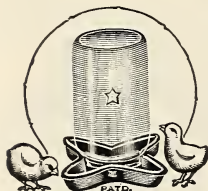
Most reliable; will not upset or waste food. Sliding top makes them easy to fill and keep clean. Will not rust. 10 openings, 25 cts. (postpaid 30 cts.); 20 openings, 50 cts. (postpaid 60 cts.).

Round Chick Feeders

The top fits snugly; yet can be easily taken apart for cleaning and filling. 8 feeder holes 15 cts. (postpaid 20 cts.); 12 feeder holes 25 cts. (postpaid 30 cts.).

Star Chick Fountains

Star shaped; will fit any Mason jar. We do not furnish jars. 10 cts. each, 3 for 25 cts. (postage extra, 5 cts.).



Felker's Handy Attachment

To be used with any make of fruit jar

A PERFECT FEEDER

For sour milk, water, hard grain or grit

The container is made of aluminum, the only metal in which sour milk can be fed with safety. It is rust-proof and non-corroding. The Handy is adjustable, simple to operate and durable. Every one has some kind of a quart fruit jar—the Handy fits them all.

Each.....	\$0 25	Postpaid \$0 30
Half dozen.....	1 40	1 55

Thermometers

Tycos Incubator Thermometer. 75 cts.
Tycos Certified Incubator Thermometer \$1.
Tycos Incubator Hygrometer \$1.65 (postpaid \$1.75).
Brooder Thermometers 60 cts. (postpaid 65 cts.)

Sell Eggs By Mail

To your city friends. Ship in aluminized

METAL EGG CRATES

Indestructible; pays for itself in a few shipments; lasts for years; makes interchangeable shipping easy. Buy yours now and realize more money for your eggs. Your friends want them.

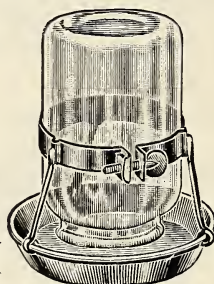
The Metal Edge Filler is a wonder. A new invention and cannot be beat for safely

carrying eggs by mail. Light in weight but strong.	
2-dozen size.....	\$1 50 9-dozen size.....\$3 25
3-dozen size.....	1 75 12-dozen size..... 4 00
4-dozen size.....	2 00 15-dozen size..... 4 75
6-dozen size.....	2 50

Postage 10 cts. extra.

Parcel-Post Egg Mailing-Boxes

Carton board. 12-egg size, 20 cts.; 15-egg size, 25 cts.; 24-egg size, 30 cts.; 48-egg size, 40 cts. Postage extra.



Pat. applied for



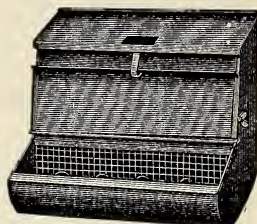
The Peerless Dry Food Hopper

A self-feeder with an unobstructed feed outlet; simple in construction, strong and serviceable. A great saver of feed, time and labor. It requires no attention except refilling when empty. Suspend the Hopper from roof of pen, using cord and pulley, or hook, as shown in cut; always high enough from floor of pen to compel the birds to exert themselves to reach the food. By this method of use it occupies no floor or wall space, and is inaccessible to rats or mice.

Has cone in center which insures continuous movement of feed. 8-qt. size, \$1.75 (postpaid \$1.90); 16-qt. size, \$2.50 (postpaid \$2.70).

Oakes Dry Mash Hopper

Does not clog, being wider at the bottom than at the top and having a wire screen that prevents clogging. It is made of heavy galvanized material. Chick 12-in. size, \$1.75; 18-in. size, \$2.25; 24-in. size, \$2.75, postage 20 cts. extra.

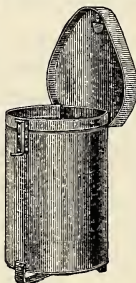


Oakes Dry Mash Hopper

Drop Bottom Wall Fountains

The pan, which forms the trough, is hinged at the back and fastened by a catch in front. The flat back allows the fountain to be firmly placed against the wall and the drop bottom enables the fount to be thoroughly cleaned and kept in a sanitary condition. 2-qt. size, \$1; 1-gal. \$1.25; 2-gal. \$1.65.

Wall Fountains. 1-gal., \$1.35; 2-gal., \$1.60. Postage extra. 10c. ea.



Automatic Fountain

An absolutely sanitary fountain made to fit any half-gallon, quart or pint Mason Jar. The pan on this fountain is hinged to wire that supports the jar. We do not furnish jars. 15c. (ppd. 20c.).

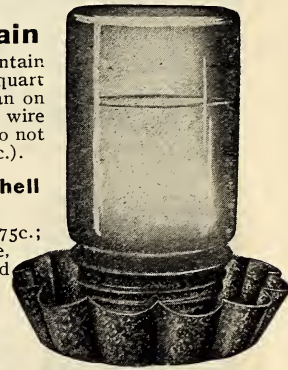


Grit and Shell Box

Chick size, 75c.; poultry size, \$1.40 (postpaid \$1.55).

Poultry Punches

25 and 50 cts.



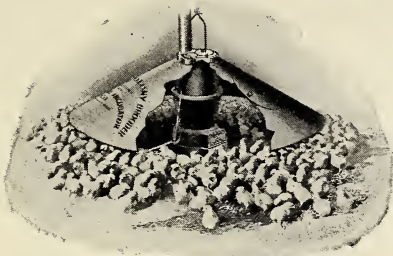
Automatic Chick Fountain

Celluloid Spiral Leg Bands

Come in all colors, large and small sizes. Doz. 15 cts. 25 for 30 cts., 50 for 50 cts., 100 for 90 cts., postpaid.

INCUBATORS AND BROODERS

Buckeye Coal-Burning "Colony" Brooders



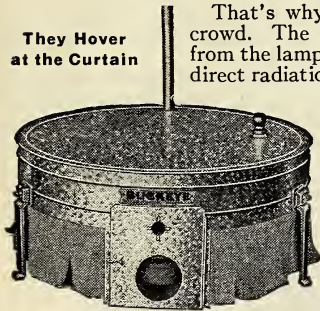
Grow Three Chicks Where One Grew Before
Save one-half the expense and nine-tenths the trouble

Mothers like an old hen. They are designed right, easy to handle and burn coal in a powerful cast-iron heater, with a self-feed. They cannot get too hot—a thermostat regulates the drafts.

Buckeye Standard No. 18. 500-chick size...\$21 50
Buckeye Standard No. 19. 1,000-chick size. 26 50

Portable Brooders

They Hover
at the Curtain



That's why the chicks never crowd. The reflected radiation from the lamp, together with the direct radiation from the canopy overhead, produces those same ideal conditions that we find in the coal-burner. The chicks hover in circles—around the outside edges—and each individual chick

selects the spot that is best suited to his comfort. Being warmest at the curtain there is no incentive for the chicks to seek the center, and consequently there is no inclination to "crowd" or "pile."

Buckeye No. 20. 19-inch diam., 60-chick \$11.75.
Buckeye No. 21. 22-inch diam., 100-chick \$15.50.
Buckeye No. 22. 30-inch diam., 150-chick \$19.

Oakes Economy Hover

Safety—Convenience—Economy

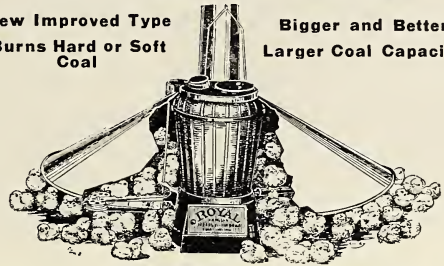
The Oakes Economy Hover is simple in construction, made of steel throughout, and all parts are seamed or welded together, making it light, strong, and durable. It is complete in itself and can be conveniently lifted by the two handles without disturbing the lamp.

No. D-102. 18-inch drum, 50 chicks \$6.50.
No. D-104. 18-inch drum, with wire cage \$9.50.
No. D-103. 22-inch drum, 100 chicks \$10.
No. D-105. 22-inch drum, with wire cage \$13.

Royal Brooder Stoves

New Improved Type
Burns Hard or Soft
Coal

Bigger and Better
Larger Coal Capacity



In the new Royal Stove we have taken care to produce a Stove which is positively guaranteed to burn either hard or soft coal and it will do so because it has sufficient capacity. It has a wider grate, with the fire-pot straight up and down and ribbed to produce more radiation and take care of expansion and contraction. It also has the larger pipe to prevent clogging from coal-tar and soot and doubledraft control which is absolutely necessary in burning soft coal.

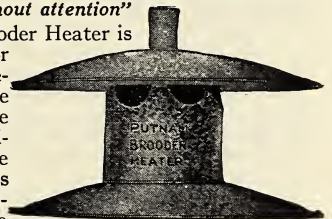
Our grate, of the rocker type, is about 3 inches larger in diameter and about twice as thick as the average standard brooder. Burns any fuel. This new type of Brooder Stove has been designed with a view of burning the inferior grades of fuel under present day conditions.

No. 5. 500-chick capacity.....\$21 50
No. 6. 1,000-chick capacity..... 26 50

The Putnam Brooder Heater

"Burns 10 days without attention"

The Putnam Brooder Heater is the heating plant for the Putnam Home-made Brooder. The Heater cannot be blown out by a hurricane. It is fire-safe and fool-proof. Tens of thousands of Putnam Brooders have been built and used with success. Price \$4.75, postpaid.



Pat's Electrical Brooder

An important and timely acquisition in poultry appliances for the city poultry-raiser of small flocks.

Just the Brooder for flocks of 12 to 50 chicks. No heating wires to burn out; no complicated wiring to get out of order. It is efficient, fool-proof, easy to operate, and gives the chicks sufficient heat. Attach to a light socket. Heat is supplied through the medium of the incandescent electric light globe.

Made of heavy tin plate, equipped with electrical connections and 8 feet of lamp cord. \$3.50 (postpaid \$3.75). Heavy galvanized \$4 (postpaid \$4.25).



Incubator Catalogue supplied on request

Place your chicks under a brooder with a temperature from 95 to 100 degrees. REMEMBER for the first ten days heat to the BABY CHICKS is as necessary as FOOD

Gravely Motor Cultivator

HERE is the Gravely Motor Cultivator—the Cultivator that marks the greatest advance ever made in the efficient cultivation of crops—the Cultivator that has actually revolutionized crop-raising and cultivating for truck-gardeners, florists, nurserymen, seed-growers, home-gardeners, and farmers from coast to coast. Any mature man who has had even the smallest experience with crops of this nature has but to look closely at the general design of the Gravely to see that it immediately answers the crying need for a simple, compact, powerful, sturdily built Cultivator that will go anywhere you want it to go and do anything you want it to do. You have but to note its practical design, its narrow, single-tread traction, its light but powerful construction, to realize that it is the ideal machine for efficient crop cultivation. You have but to know that the Gravely uses Standard Seeding and Cultivating Tools, in front or rear, and your sound, common-sense judgment will tell you that here in this little giant you have a Motor Cultivator that will mean bigger and better crops and save you hundreds of dollars now spent for extra labor.

Specifications of the Gravely Motor Cultivator

Traction—One wheel.

Weight—150 pounds.

Height—25 inches, over all.

Width—12½ inches.

Length—73 inches, over all, including handle-bars.

Power—Two horsepower.

Engine—One-cylinder, four-cycle, 2¼ x 2¾-inch vertical type; water-cooled, magneto ignition; built of highest grade material obtainable.

Lubrication—Pump and splash-oil system.

Fuel—Gasoline; capacity ¾-gallon.

Carburetor—Schebler; gravity feed.

Cooling System—Thermo Siphon; water.

Transmission—Spur gears, carbonized and hardened.

Speed—One to 3 miles per hour.

Bearings—Ball, bronze.

Ignition—High-tension magneto; ⅜-inch thread spark plugs.

Drive—Gear and pinion (no belt or sprocket).

Housing—Every moving part encased in dust-proof housing and runs in oil.

Tools—Uses all Standard Tools—Cultivators, Weeders, Seeders, Shovels, Discs, Hillers, Sweeps, Pulverizers, Furrowers, Lawn-mowers, etc., either front or rear hitch.

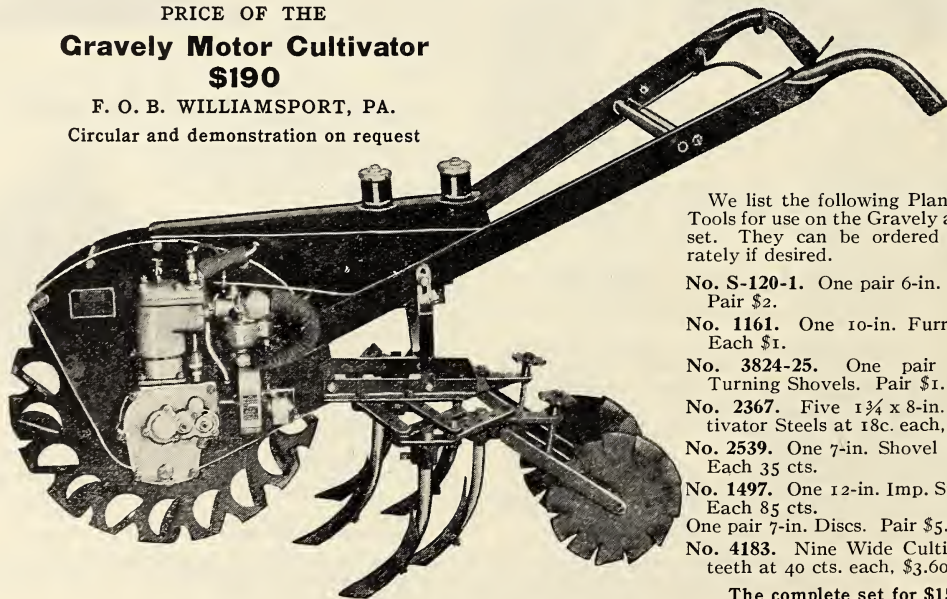
Equipment—The Gravely comes equipped with sufficient number of shanks and tool-holders to take care of all tools needed, also wrenches and screw-drivers. Cultivating tools not furnished free.

PRICE OF THE

Gravely Motor Cultivator \$190

F. O. B. WILLIAMSPORT, PA.

Circular and demonstration on request



We list the following Planet Jr. Tools for use on the Gravely as one set. They can be ordered separately if desired.

No. S-120-1. One pair 6-in. Hoes. Pair \$2.

No. 1161. One 10-in. Furrower. Each \$1.

No. 3824-25. One pair 7-in. Turning Shovels. Pair \$1.

No. 2367. Five 1¾ x 8-in. Cultivator Steels at 18c. each, 90c.

No. 2539. One 7-in. Shovel Steel. Each 35 cts.

No. 1497. One 12-in. Imp. Sweep. Each 85 cts.

One pair 7-in. Discs. Pair \$5.50.

No. 4183. Nine Wide Cultivator teeth at 40 cts. each, \$3.60.

The complete set for \$15

Grow Your Own Vegetables

Cut down your living expenses. You'll be astonished how easy it is to save time, labor, and money, and get bigger and better crops when you use

Planet Jr. Garden Tools

ASK FOR CATALOGUE



Planet Jr. Seeder and Wheel Hoe at work in a suburban garden

The Barker Weeder, Mulcher and Cultivator

The Barker is three garden tools in one—a weeder, a mulcher, and a cultivator. It has no delicate parts to get out of order, and is always ready for use. The cultivator, or shovel attachment, is easily adjusted to the machine, and may be taken off when not needed.

In general appearance the Barker resembles an ordinary lawn-mower and its principle of operation is much the same. It has eight reel blades, set in revolving reel heads, which revolve against a stationary knife. The knife, which is slightly behind the revolving blades, travels just below the surface, where it cuts the weeds at their roots. Its ends turn up and are connected with the axle outside the heads.

The revolving reel blades, **working in combination with the stationary knife**, destroy the weeds, pulverize the clods, aerate the soil and form a perfect soil-mulch—in one operation.

No. 8½D. 8½-in. blades, \$10.60. No. 10D. 10-in. blades, \$11.75. No. 11D. 11-in. blades, \$12.60.

ASK FOR CATALOGUE

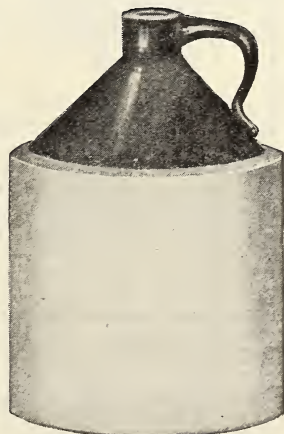
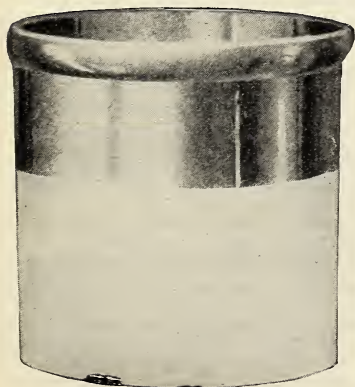
Bee-Keepers' Supplies

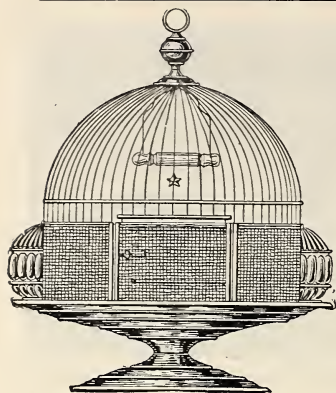
We carry a complete line of the A. I. Root goods, which we consider the best in the market in point of workmanship and material used. The best is always the cheapest; our goods are sure to please. Prompt and careful attention given to all orders, whether large or small, and mistakes promptly corrected.

If you have not already received our complete illustrated Catalogue of Beekeepers' Supplies, send at once for it.

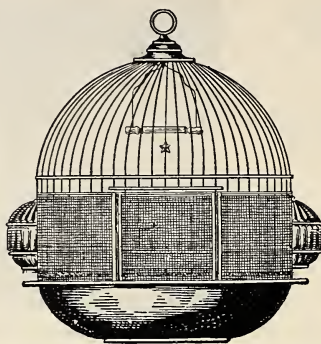
CROCKS, JARS, AND FLOWER POTS

Stoneware Pottery is one of the most sanitary and economical ways to keep foods and liquids around the house and farm. Our line in crockery ware is complete. We carry in stock the Butter Jars up to 2-gallon size; the standard jars from 1 to 30-gallon sizes and the milk-pans up to 2-gallon size, and jugs from 1 to 5-gallon size.

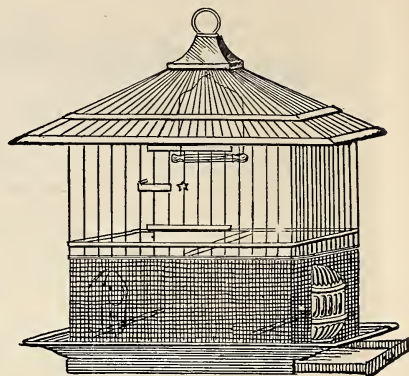




Brass Dome Cage, with Wire Guards. No. 2527



Brass Japanese Lantern Cage, with Wire Guards. No. 2537



Brass Japanese Cage, with Brass Guards and Zinc Drawer. No. 2584-M

Bird Cages and Supplies

For the last two years we have been selling these cages at our store with excellent satisfaction, and, for the benefit of our out-of-town customers, offer here a few of the most desirable styles. Our patrons tell us that they are very beautiful, well made, and reasonable in price. The enameled cages are not to be compared with the common painted stock so often sold. **For 50 cents extra** we will pack them carefully and deliver them by parcel post direct to your door, together with 1 pound of our choice mixed Bird Seed (value 25 cts.).

All Bird Cages and Supplies are net cash with order.

Brass Japanese Cage with Brass Guards and Zinc Drawer.

2584-M. 9 3/4 x 9 3/4 inches. See illustration..\$12 65

Brass Dome Cage, with Wire Guards.

2525. 10 1/4 inches diameter.....\$3 83

2526. 11 inches diameter.....4 60

2527. 11 3/4 inches diameter. See illustration..5 37

Enameled Ivory-white Dome Cage, Gold Trimmed Brass Guards.

2225. 10 1/4 inches diameter.....\$4 05

2226. 11 inches diameter.....4 45

2227. 11 3/4 inches diameter.....4 90

Brass Japanese Lantern Cage, with Wire Guards.

2535. 10 1/4 inches diameter.....\$3 83

2536. 11 inches diameter.....4 60

2537. 11 3/4 inches diameter. See illustration..5 37

Brass Cages, with Brass Guards, without Drawer Bottom.

2572. 10 3/4 x 7 1/4 inches.....\$4 55

2573. 10 3/4 x 7 3/4 inches.....5 15

2574. 11 3/8 x 8 3/4 inches.....5 85

2575. 12 x 9 inches.....6 60

CAGE STANDS

No. 31. Floor Stand. Polished brass, iron base with brass shell. Height 5 feet. \$5.45.

No. 3. Floor Stand. Polished brass. Height 5 feet, 5 inches. Half Round. \$4.30.



Singing Canary Birds

Can you think of anything that would give your family or friends more real enjoyment? Every bird is carefully selected for song and satisfaction guaranteed.

Birds can be shipped by express only

Hartz Mountain Canaries (Male), \$6.50 each.

St. Andreasberger Rollers (Male), \$7 each

Bird Supplies

Ant Eggs. Genuine Premier. 10 cts.

Bird Seed. Choice Mixed Seeds. Lb. 25 cts., 5 lbs. \$1.

Bird Seed. Pure Sicily Canary. Lb. 25 cts., 5 lbs. \$1.

Bird Manna. For canary birds. 15 cts. each.

Bird Bitters. A health tonic for birds. 25 cts.

Bird Eye-Water. Bottle, 25 cts.

Bird Gravel. Red or Silver. Two sizes, 10 and 15 cts.

Bird Egg Food. Improves the song and plumage. 35c.

Bird Baths. Opal, 2 sizes, 15 and 20 cts.

Bird Bath-House. No. 1, \$1; No. 2, \$1.25.

Bird Song-Restorer (Drahotas). Box, 25 cts.

Bird Nesting Hair. Box, 15 cts.

Brass Wire Guard Cloth. For cages, including fasteners. 35 cts. per ft.

Cage Springs. Brass, two sizes, 10 and 25 cts.

Cage Springs. Double Brass. 50 cts. each.

Cuttle Bone. For canaries. 5, 10, and 15 cts. each.

Fish Food. 10 cts.

Hemp Seed. For cage-birds. 1/2 lb. 10c., lb. 15 cts.

Insect Powder Gun. 10 cts. each.

Merican Salve. Box, 25 cts.

Mite Powder. For canaries. Box, 25 cts.

Moulting Pepper. For canaries. Box, 25 cts.

Nestling Food. For canaries. 25 cts.

Parrot Seed. For parrots. Box, 15 cts.

Rape, Sweet German. For canaries. Lb. 15 cts.

Round Covered Cup. Opal. 25 cts. each.

Seed and Water Cups. Opal. Open or closed top. 15c.

Seed and Water Cups. Crystal. Open or closed top. 10 cts.

Sunflower Seed. For parrots. Lb. 20 cts., 5 lbs. 75c.

Swinging Hooks. Brass. 10-inch, 25 cts.; 12-inch, 35 cts.

Wire Breeding-Nest. 4-in. diameter. 25c. each.

Suggestions About Ordering

Importance of Ordering Early. Before the rush season begins we can give you better service, for our stocks will then be complete. Being sold out of some varieties entails correspondence and delays, so on receipt of this catalogue make out your order and mail it to us immediately.

MAKING OUT ORDERS. Be sure to use the order sheet and follow the directions given.

PRICE OF BAGS. Seamless 2-bushel bags, used in shipping farm seeds, etc., 50 cts. each; 1-bus. bags, 20 cts.; ½-bus. bags, 15 cts.; 1-pk. bags, 10 cts.

PRICES. The prices quoted in this catalogue are net, and not subject to discount. Where prices are quoted postpaid, they apply only to the first and second postal zones from Williamsport. All prices quoted in this catalogue are subject to change without notice. Use the Order Sheet.

Seeds by Parcel Post. We earnestly advise that all light shipments go by parcel post whenever possible. We will pay postage on all small seeds in packets, and in bulk up to ¼ pound, anywhere in the United States. We can send seeds in any quantity up to 70 pounds. *Within the first and second zones from Williamsport, add to your remittance for postage as follows: 1-pound orders, 7 cents; for each additional pound, 1 cent; on Peas, Beans, and Corn, 10 cents for the first quart and 2 cents for each additional quart.* For rates to other zones, inquire of your postmaster. *The necessary postage must be sent with the order. Orders received without the necessary postage will be sent C. O. D. for amount of postage.*

Terms. Our prices are based upon cash sales. To avoid delay in filling your order, please send remittance with the order, including postage for Parcel Post, and cost of bags when necessary. Any overpay will be returned to you promptly.

HOW TO SEND MONEY. Money is most conveniently and safely sent in the form of a post office money order, express money order, or check. We always accept personal checks as a convenience to our customers, if they have money in the bank. Small amounts may be sent in postage stamps; it is not safe to send silver.

YOU RUN NO RISK in sending cash with order. Our financial responsibility can be learned from any bank, trust company, or merchant who subscribes to either of the Commercial Agency Reports.

TESTED SEEDS

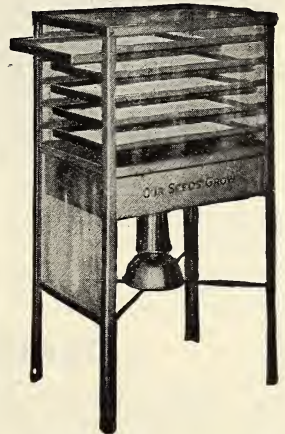
It is only by painstaking methods that we can be sure of seed of good germination. To protect our customers against seed of poor quality, we test our seeds as soon as they arrive from our growers in the Sho-Gro Seed Germinator illustrated at the right. Seeds of good germination cannot be determined by their looks but must pass through a germinating test requiring careful, expert attention to assure accuracy.

"GUARANTEED SEEDS"

Upon being asked if he would guarantee his seeds to grow, an eminent seedsman said, "Yes, if I may select the soil, plant them myself, and govern the weather."

Seeds **MUST** be right, but it is just as necessary that the soil be suitable and well prepared, that the planting be done properly and at the right time, and that the weather be not too unfavorable.

BY TEST WE KNOW THAT THESE SEEDS ARE OF GOOD VITALITY. To you is given to select and prepare the soil and to give the proper care. Providence alone governs the weather.

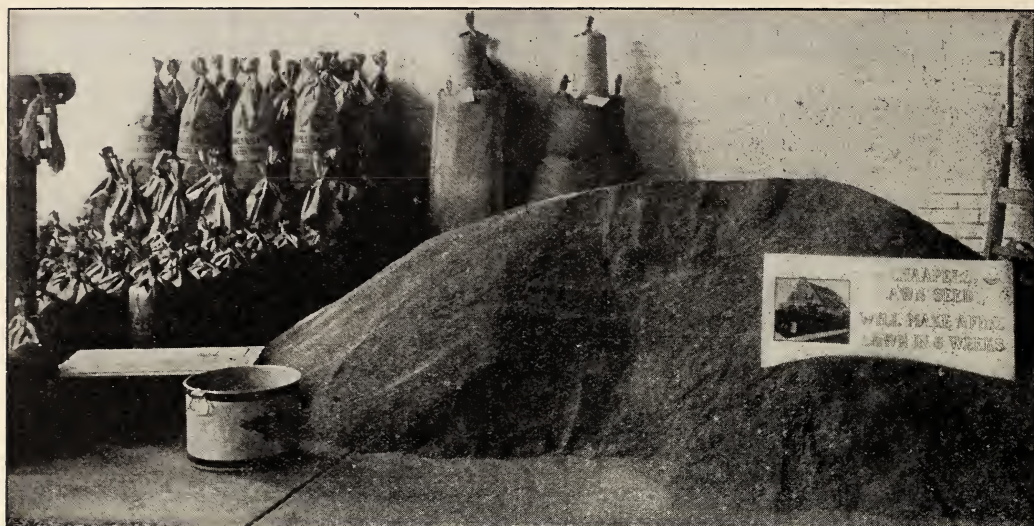


The above is a picture of our Sho-Gro Seed Germinator. Call at our Seed Store and see it in operation.

WE GUARANTEE OUR SEEDS to be of the very best quality and of strong vitality, but cannot guarantee results or crops. If customers do not accept goods on these conditions, the goods can be returned to us within ten days.

CHAAPEL'S SEED STORE

Have a Better Lawn This Year



A pile of Chaapel's Lawn Seed mixed for our trade

Chaapel's American Lawn Grass Seed

Recleaned and Tested Seed, weighing over 20 pounds to the bushel

Our Mixture can be absolutely relied upon as being made up of the finest qualities of Grass Seed obtainable, free from weed seeds, and of the very best and highest germinating qualities. Mixed especially of Grasses that do best in our soils.

We have sold this Mixture of Lawn Grasses for many years, and positively know that it is surpassed by none; it will stand wear and tear, forming a close, firm, green and lasting turf, retaining its velvety appearance to the last. One quart will sow a space 10 by 20 feet—200 square feet. Ask for our leaflet, "A Few Suggestions on Lawn Making." Qt. 30 cts., 2 qts. 55 cts., 4 qts. \$1, pk. \$1.75, bus. (20 lbs.) \$6.

Chaapel's Clover Lawn Grass Seed

The increasing demand for a Lawn Seed containing a larger proportion of White Clover induced us to offer this Mixture, containing a most liberal quantity of best re-cleaned White Clover—it is especially suited for shaded locations and will thrive better under trying conditions than any other mixture. Sow one quart to 200 square feet (10 x 20 ft.). Pt. 20 cts., qt. 40 cts., 2 qts. 70 cts., 4 qts. \$1.30, pk. \$2.50, bus. (30 lbs.) \$10, 100-lb. lots or over, 30 cts. per lb. Postage extra, 5 cts. per qt.

FANCY WHITE CLOVER. Fine for new or old lawns; easy to grow. $\frac{1}{4}$ lb. 20 cts., lb. 75 cts., postpaid.

Chaapel's Shadygreen Lawn Seed

While it is impossible to maintain a permanent lawn in certain shady locations, such as under soft maple trees, we have combined in this mixture certain grasses that are more resistant to these harsh conditions. We recommend this mixture to be especially prepared for shady locations. Sow 1 quart to 200 square feet (10 x 20 ft.). Qt. 75 cts., 2 qts. \$1.25, 4 qts. \$2, pk. (6 $\frac{1}{4}$ lbs.) \$3.50, bus. (25 lbs.) \$12.

Chaapel's Lawn Grass Seeds

have earned an enviable reputation for superior quality, quick germination, and lasting results. Nearly all lawns, private estates, and public parks are using our mixtures, fulfilling the promises made for them. Fertilizers are necessary in making a good lawn. See pages 48 and 49.



A good lawn beautifies your home, and adds greatly to its commercial value

CHAAPEL'S LAWN GRASSES MAKE THE FINEST LAWNS

Chaapel's Lawn Grass Seeds

BESIDES supplying lawn seeds for the home, mixed from the best grasses obtainable for your locality, we specialize in supplying grass seed for private estates, public parks, and golf-courses, either after our own or individual formulas. Our genuine Bent Grass is unsurpassed for putting-greens and other places where landscape architects specify it. Correspondence solicited. Quantity quotation on request. Ask for our leaflet "A Few Suggestions on Lawn Making."

Fertilizers are necessary in making a good lawn. See pages 48 and 49

CHAAPEL'S SEED STORE, Williamsport, Pa.

DAHLIA-FLOWERED ZINNIAS

THE NEWEST AND LARGEST
OF ALL ZINNIAS

Producing large blooms of distinctive colorings as follows:

- | | |
|--------------------|----------------|
| 1. Exquisite | 4. Canary Bird |
| 2. Purple Prince | 5. Oriole |
| 3. Crimson Monarch | 6. Meteor |

Each, packet 20 cts., 3 packets 50 cts., 6 packets 90 cts.



For other
Zinnias see page 36

CHAAPEL'S SEED STORE

—WILLIAMSPORT—ON THE SUSQUEHANNA TRAIL—